Data Report on Physical Aquatic Habitat Characteristics and Observations of Fish at Two Regions in the Estuary of the Campbell River, British Columbia, 1984

G. E. Piercey, I. K. Birtwell, H. Herunter, M. Kotyk,
G. M. Kruzynski, J. S. Macdonald and K. Seaman

Department of Fisheries and Oceans
West Vancouver Laboratory
4160 Marine Drive
West Vancouver, British Columbia V7V 1N6

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DATA REPORT ON PHYSICAL AQUATIC HABITAT CHARACTERISTICS AND OBSERVATIONS OF FISH AT TWO REGIONS IN THE ESTUARY OF THE CAMPBELL RIVER, BRITISH COLUMBIA, 1984.

by

G. E. PIERCEY, I. K. BIRTWELL, H. HERUNTER, M. KOTYK, G. M. KRUZYNSKI,
J. S. MACDONALD AND K. SEAMAN.

Department of Fisheries and Oceans
West Vancouver Laboratory
Salmon Habitat Section
4160 Marine Drive
West Vancouver
British Columbia, V7V 1N6

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ABSTRACT

Piercey, G. E., I. K. Birtwell, H. Herunter, M. Kotyk, G. M. Kruzynski, J. S. Macdonald, and K. Seaman. 1985. Data report on physical aquatic habitat characteristics and observations of fish at two regions in the estuary of the Campbell River, British Columbia, 1984. Can. Data Rep. Fish. Aquat. Sci. 551: 107 p.

Data are presented on the physical characteristics of two contrasting regions in the estuary of the Campbell River as part of a study to characterize juvenile salmonid habitats. On three occasions, temperature, conductivity, salinity, pH, oxidation-reduction potential, dissolved oxygen, water velocity and direction, and light intensity were determined at precise depth intervals in the water column. Subjective assessments of weather conditions were made at the time of these determinations. Observations of juvenile salmonids (species, depth occupied) were made by divers just before physical measurements were taken.

Key words: Campbell River estuary, juvenile salmonids, habitat requirements, water quality

RESUME

Piercey, G. E., I. K. Birtwell, H. Herunter, M. Kotyk, G. M. Kruzynski, J. S. Macdonald, and K. Seaman. 1985. Data report on physical aquatic habitat characteristics and observations of fish at two regions in the estuary of the Campbell River, British Columbia, 1984. Can. Data Rep. Fish. Aquat. Sci. 551: 107 p.

Le rapport présente des données sur les caractéristiques physiques de deux régions contrastantes de l'estuaire de la rivière Campbell, dans le cadre d'une étude visant à caractériser les habitats des saumons juvéniles. A trois occasions, la température, la conductivité, la salinité, le pH, le potentiel d'oxydo-réduction, l'oxygène dissous, la vitesse et la direction de l'eau ainsi que l'intensité lumineuse ont été déterminés à des intervalles précis de profondeur dans la colonne d'eau. Des évaluations subjectives des conditions météorologiques ont été effectuées au moment de ces mesures. Des plongeurs ont observé des saumons juvéniles (espèces, profondeur) juste avant que ne soient prises les mesures.

Mots-clés: estuaire de la rivière Campbell, saumons juvéniles, besoins en matière d'habitat, qualité de l'eau

INTRODUCTION

The estuary of the Campbell River is located on the east coast of Vancouver Island, British Columbia (Figure 1). Freshwater entering the estuary drains from a basin of 1,741 km^2. The predominant flows are from the Campbell and Quinsam Rivers which have a combined mean annual discharge of about 108 $m^3 \cdot s^{-1}$ (Bell and Thompson 1977). Flows in the lower reaches of the Campbell River are controlled and regulated through the John Hart generating station which is located approximately 5 km upstream of the river mouth.

The Campbell River discharges into the highly turbulent marine waters of Discovery Passage thus confining the major influence of freshwater to the "inner estuary" behind Tyee Spit (Figure 1). Seawater intrusion due to tidal action typically creates a vertically statified estuary of approximately 73 ha at high tide (Brownlee et al. 1984). Approximately 43 ha has been used for log handling activities, and a variety of urban and industrial activities occur in the watershed (eg. logging, mining, housing developments).

The fishery resources of the Campbell River watershed are particularly important to the economy of British Columbia. According to information presented in the report by Brownlee et al. (1984) the five species of Pacific salmon, rainbow (steelhead) and cutthroat trout and Dolly Varden char contribute approximately $9.1 million annually to the province of British Columbia, while fishing in the Campbell River area accounts for $34.5 million annually.

In order to assist fishery management strategies in the Campbell River watershed a long-term tag-release-recapture experiment with chinook salmon (Oncorhynchus tshawytscha) is currently in progress. It was initiated by the Salmon Habitat Section of the Fisheries Research Branch in cooperation with staff of the Quinsam River Hatchery, Department of Fisheries and Oceans (Levings et al. 1984). Associated with this work was the requirement to describe not only the habitats occupied by juvenile salmonids in riverine, estuarine and nearshore marine regions, but also to quantify certain conditions within them. Little previous work has been carried out on this topic in estuarine areas (e.g. Levy et al. 1979; Gordon and Levings 1984) relative to in freshwater environments (e.g. Shirvell and Dungay 1983).

In addition to providing a listing of the physical characteristics of the two regions in the Campbell River estuary in this report we also present the number, species and depth ranges occupied by juvenile salmonids that were recorded by divers at the same locations.

The diet of juvenile salmonids and the presence of planktonic and drift organisms that were preyed upon was also examined. These data are listed in a separate report (Macdonald et al. 1985).

MATERIALS AND METHODS

SITE LOCATIONS AND SAMPLING PROCEDURES

Nine sampling locations were chosen in contrasting regions of the Campbell River estuary. They were examined on three separate occasions in 1984: May 29 to June 1, June 25 to June 27, July 23 to July 26.

The location of these sites is shown in Figures 1 and 2, and are described as follows:

1. Baikie's slough, western shoreline of Campbell River
2. Campbell River, adjacent to an undercut river bank, western shoreline
3. Campbell River, mid river site
4. Cambell River, adjacent to an old log dumping site, eastern shoreline
5. "Painter's Channel", western shoreline of estuarine area, western slope of channel
6. "Painter's Channel", mid channel
7. "Painter's Channel", eastern slope of channel
8. Shear zone, Baikie's slough side, Campbell River
9. Shear zone, Campbell River side

The site locations were marked by groups of concrete blocks, chained together to resist movement by high river flows. Attached to each set of blocks was a polypropylene line and a series of floats which remained submerged at most tidal heights. These lines permitted divers to remain stationary while observing fish in strong river flows.

The substrate at the sites in the Campbell River was predominantly of boulders and cobbles (sites 1,2,3,4,8 and 9) whereas at site 5 the substrate was of sand and gravel with algae and eelgrass. At site 6 the substrate was similar but with greater quantities of eelgrass, and at site 7 the substrate was predominantly coarse sand.

East-west transects at the Campbell River and "Painter's Channel" sites were taken to provide profile information depicted in Figure 2 (together with the levels of high and low tides recorded during the study). Depth profiles along Campbell River sites 2, 3, and 4, and "Painter's Channel" sites 5, 6, 7 were determined on June 26 and 29 May, respectively. These were accomplished from a boat, attached by a pulley to a polypropylene line that was anchored in an east-west direction across sampling sites in the two areas. Water depth was determined using a weighted cable. At the Campbell River sites, depth was measured every meter along the transect, whereas at "Painter's Channel", it was measured every 5 meters.

The polypropylene lines across the sampling sites facilitated position location and measurements of physical conditions without the use of a motor (which may have influenced fish presence and behaviour). The lines also assisted movement of boats and divers between sampling sites at both Campbell River and "Painter's Channel" regions. At the Baikie's Slough shear zone area (sites 8 and 9) concrete blocks were not necessary due to lesser current flows and so divers were able to remain relatively stationary without anchors; physical parameters were measured in the usual manner except that in some instances the boat's outboard motor was used to maintain position. In all instances, observations of fish directly preceded determinations of physical conditions. Attempts were made to minimize the time (approximately 0.25 h) between diver observation and physical determinations. On each of 2 separate occasions serial profiles of the physical conditions at sites 3 (26 June, 25 July) and 6 (27 June, 26 July) were carried out so that changes due to tidal action could be determined.

PHYSICAL CHARACTERISTICS

In order to determine the physical characteristics at a particular site monitoring apparatus (on a weighted cable fixed to a winch - a Scotty downrigger) was deployed from a boat. At certain of the river sites it was necessary to attach the cable to the concrete blocks marking the site to ensure that the sampling apparatus was deployed without undue deviation from the vertical: a necessary precaution due to strong water currents.

The monitoring apparatus comprised a Hydrolab Inc. Model 8000 multiprobe sampling unit which provided measurements of temperature (°C) conductivity ($mmhos \cdot cm^{-1}$), pH, oxidation-reduction potential (meV), dissolved oxygen ($mg \cdot L^{-1}$), and depth via a surface meter; depth was also determined by a counter unit, calibrated in feet, associated with the downrigger. The Hydrolab sensing unit was attached to a large vaned weighted frame which orientated to the current and thus provided a visual reference for current direction determination by reference to a hand-held compass. This frame held a Li-Cor Model LI-193SB spherical quantum sensor which determined light energy ($\mu E \cdot s^{-1} \cdot m^{-2}$) which was recorded on a meter with a range of integration times (thus replication of readings could be accommodated quickly and at the same time account for rapid natural variations in conditions). An A. Ott C-1 Small Current Meter and Z100 Counter was used to measure the velocity of water flow. The propellor component of this apparatus was attached to the frame holding the other apparatus; a large vane ensured that the propellor faced the water currents.

At all locations sampling efforts were concentrated around periods of low or high tide (refer to Table 1).

RESULTS

The data obtained in this component of the study are listed in Table 2 under a number of abbreviated subject headings which are explained below.

HEADING	
TRIP	1 29 May to 1 June 2 25 June to 17 June 3 23 July to 26 July
YRMODA	year, month, day
SITE	as depicted in Figures 1 and 2
TIME	Pacific Standard Time
TC	tide category 1 start of flood 2 mid of flood 3 end of flood 4 start of ebb 5 mid of ebb 6 end of ebb
TIHT	tide height (m) as interpolated from Canadian tide and current tables
DEPTH	from the surface (m)
DC	Depth category 1 0-1 m 2 1-2 m 3 more than 2 m
TEMP	temperature (°C)
COND	conductivity ($\text{mmhos}\cdot\text{cm}^{-1}\text{x}100$)
SALI	salinity (‰), interpolated from conductivity measurements
pH	units
ORP	oxidation-reduction potential (meV)
DO2C	dissolved oxygen ($\text{mg}\cdot\text{L}^{-1}$), corrected for salinity
DO2SAT	percent dissolved oxygen saturation
FLDI	flow direction, in degrees, referenced to magnetic north by compass reference
FLOW	$\text{cm}\cdot\text{s}^{-1}$
LTT	integration period for light energy measurements (s)
LIGHT	light energy ($\mu\text{E}\cdot\text{s}^{-1}\cdot\text{m}^{-2}$)
WE	weather 1 sunny 2 scattered clouds (less than 50% cloud cover) 3 broken clouds (more than 50% cloud cover) 4 high overcast 5 low overcast 6 showers 7 steady rain 8 thunder/lightning
HCH	hatchery reared juvenile chinook salmon identified by the absence of an adipose fin
WCH	"wild" juvenile chinook salmon, identified by the presence of an adipose fin
WCO	"wild" juvenile coho salmon, identified by the presence of an adipose fin
CTT	juvenile cutthroat trout
SHT	juvenile steelhead trout
UDI	unidentified juvenile salmonid

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Table 1. Tide heights and sampling schedule for the determination of water characteristics

Date	Time	Ht (m)
29 May 1984	0245	4.0
	1050	0.8
	1730	3.9
	2210	3.2
sampling	1300-1619	
30 May	0315	4.0
	1120	0.5
	1805	4.1
	2230	3.4
sampling	1204-1935	
31 May	0345	4.0
	1140	0.4
	1850	4.2
	2315	3.4
sampling	1210-1710	
1 June	0420	4.0
	1220	0.3
	1940	4.2
sampling	0925-1440	
25 June	0045	4.0
	0915	1.1
	1605	3.7
	1945	3.3
sampling	1435-1624	
26 June	0125	4.0
	0945	0.8
	1645	3.9
	2030	3.9
sampling	0827-1717	
27 June	0150	4.0
	1030	0.5
	1715	4.1
	2110	3.5
sampling	0924-1729	
23 July	0745	1.4
	1505	3.6
	1815	3.4
	2335	4.0
sampling	1625-1750	
24 July	0830	1.0
	1545	3.8
	1910	3.5
sampling	0705-1800	
25 July	0020	4.0
	0905	0.7
	1615	4.0
	2005	3.6
sampling	0825-1621	
26 July	0110	4.0
	0950	0.4
	1655	4.1
	2100	3.6
sampling	0952-1659	

Table 2. A listing of physical habitat characteristics and observations of fish at two regions in the estuary of the Campbell River.

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
01	840529	05	1335	2	02.0	00.0	1	.	.	.	.	.
01	840529	05	1335	2	02.0	00.0	1	.	.	.	.	.
01	840529	05	1335	2	02.0	00.0	1	.	.	.	.	.
01	840529	05	1335	2	02.0	00.0	1	.	.	.	.	.
01	840529	05	1335	2	02.0	00.0	1	.	.	.	.	.
01	840529	05	1335	2	02.0	00.0	1	.	.	.	.	.
01	840529	05	1335	2	02.0	00.0	1	.	.	.	.	.
01	840529	05	1335	2	02.0	00.0	1	.	.	.	.	.
01	840529	05	1335	2	02.0	00.0	1	.	.	.	.	.
01	840529	05	1335	2	02.0	00.0	1	.	.	.	.	.
01	840529	05	1615	3	03.3	00.0	1	13.9	.030	01.9	07.72	0.110
01	840529	05	1617	3	03.4	00.3	1	13.2	.050	02.5	07.70	0.113
01	840529	05	1619	3	03.4	00.6	1	11.7	.280	17.1	07.73	0.132
01	840529	06	1300	1	01.8	00.0	1	12.0	.134	07.5	07.84	0.124
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1300	1	01.8	00.0	1	.	.	.	.	.
01	840529	06	1324	2	02.0	01.8	2	10.4	.439	28.4	07.49	0.116
01	840529	06	1324	2	02.0	01.8	2	.	.	.	.	.
01	840529	06	1324	2	02.0	01.8	2	.	.	.	.	.
01	840529	06	1324	2	02.0	01.8	2	.	.	.	.	.
01	840529	06	1324	2	02.0	01.8	2	.	.	.	.	.
01	840529	06	1324	2	02.0	01.8	2	.	.	.	.	.
01	840529	06	1334	2	02.0	01.5	2	10.4	.439	28.4	07.42	0.105
01	840529	06	1334	2	02.0	01.5	2	.	.	.	.	.
01	840529	06	1334	2	02.0	01.5	2	.	.	.	.	.
01	840529	06	1338	2	02.1	01.2	2	10.4	.438	28.4	07.47	0.101
01	840529	06	1338	2	02.1	01.2	2	.	.	.	.	.
01	840529	06	1338	2	02.1	01.2	2	.	.	.	.	.
01	840529	06	1338	2	02.1	01.2	2	.	.	.	.	.
01	840529	06	1344	2	02.2	00.9	1	10.5	.438	28.4	07.43	0.105
01	840529	06	1344	2	02.2	00.9	1	.	.	.	.	.
01	840529	06	1344	2	02.2	00.9	1	.	.	.	.	.
01	840529	06	1344	2	02.2	00.9	1	.	.	.	.	.
01	840529	06	1348	2	02.2	00.6	1	11.6	.434	27.9	07.52	0.113
01	840529	06	1348	2	02.2	00.6	1	.	.	.	.	.
01	840529	06	1348	2	02.2	00.6	1	.	.	.	.	.
01	840529	06	1348	2	02.2	00.6	1	.	.	.	.	.
01	840529	06	1357	2	02.3	00.3	1	13.3	.373	23.6	07.55	0.113

D02C	D02SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
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			.		.	03	000	000	000	000	000	000
10.43	105		.	100	01240.00	03						
10.43	104		.	100	01041.00	03						
9.40	98		.	100	00545.00	03						
10.42	104		008.93	010	01939.00	02	000	000	000	000	000	000
			013.91	010	01798.00	02	000	000	000	000	000	000
			006.84	010	01839.00	02	000	000	000	000	000	000
			008.18		.	02	000	000	000	000	000	000
			010.09		.	02	000	000	000	000	000	000
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8.72	96		005.30	010	01129.00	02						
			.	010	01015.00	02						
			.	010	01067.00	02						
			006.26	010	01009.00	02						
			005.88	010	00959.00	02						
			004.16	010	00976.00	02						
8.44	93		004.92	010	00926.00	02						
			.	010	00973.00	02						
			.	010	00961.00	02						
8.31	91		000.00	100	01009.00	02						
			.	010	01121.00	02						
			.	010	01137.00	02						
			.	010	01138.00	02						
9.09	100		000.00	100	01114.00	02						
			023.10	010	01139.00	02						
			021.18	010	01171.00	02						
			021.76	010	01221.00	02						
8.18	92		021.18	100	01268.00	02						
			021.38	010	01058.00	02						
			020.04	010	01156.00	02						
			.	010	01102.00	02						
8.51	97		007.98	100	01309.00	02						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
01	840529	06	1357	2	02.3	00.3	1	.	.	.	.	.
01	840529	06	1357	2	02.3	00.3	1	.	.	.	.	.
01	840529	06	1357	2	02.3	00.3	1	.	.	.	.	.
01	840529	06	1555	3	03.2	00.0	1	13.2	.026	01.2	07.56	0.118
01	840529	06	1557	3	03.2	00.3	1	12.9	.043	02.1	07.58	0.124
01	840529	06	1559	3	03.2	00.6	1	11.8	.143	08.0	07.61	0.137
01	840529	06	1601	3	03.2	00.9	1	10.7	.388	24.7	07.52	0.147
01	840529	06	1603	3	03.2	01.2	2	10.1	.428	27.5	07.52	0.147
01	840529	06	1605	3	03.3	01.5	2	09.9	.433	27.9	07.52	0.147
01	840529	06	1607	3	03.3	01.8	2	09.9	.437	28.2	07.54	0.146
01	840529	06	1609	3	03.3	02.1	3	09.9	.438	28.3	07.53	0.142
01	840529	07	1536	3	03.0	00.0	1	12.8	.007	00.3	07.70	0.142
01	840529	07	1536	3	03.0	00.0	1	.	.	.	.	.
01	840529	07	1536	3	03.0	00.0	1	.	.	.	.	.
01	840529	07	1536	3	03.0	00.0	1	.	.	.	.	.
01	840529	07	1536	3	03.0	00.0	1	.	.	.	.	.
01	840529	07	1536	3	03.0	00.0	1	.	.	.	.	.
01	840529	07	1536	3	03.0	00.0	1	.	.	.	.	.
01	840529	07	1536	3	03.0	00.0	1	.	.	.	.	.
01	840529	07	1536	3	03.0	00.0	1	.	.	.	.	.
01	840529	07	1536	3	03.0	00.0	1	.	.	.	.	.
01	840529	07	1539	3	03.0	00.3	1	12.4	.032	01.5	07.52	0.145
01	840529	07	1539	3	03.0	00.3	1	.	.	.	.	.
01	840529	07	1539	3	03.0	00.3	1	.	.	.	.	.
01	840529	07	1539	3	03.0	00.3	1	.	.	.	.	.
01	840529	07	1543	3	03.0	00.6	1	12.0	.146	08.5	07.65	0.153
01	840529	07	1545	3	03.1	00.9	1	11.2	.284	17.7	07.71	0.151
01	840529	07	1547	3	03.1	01.2	2	10.2	.431	27.7	07.56	0.154
01	840529	07	1549	3	03.1	01.5	2	10.1	.435	28.1	07.58	0.150
01	840530	01	1918	4	03.9	01.8	2	10.9	.189	11.0	07.39	0.208
01	840530	01	1918	4	03.9	01.8	2	.	.	.	.	.
01	840530	01	1918	4	03.9	01.8	2	.	.	.	.	.
01	840530	01	1918	4	03.9	01.8	2	.	.	.	.	.
01	840530	01	1921	4	03.8	01.5	2	11.2	.049	02.5	07.63	0.178
01	840530	01	1921	4	03.8	01.5	2	.	.	.	.	.
01	840530	01	1921	4	03.8	01.5	2	.	.	.	.	.
01	840530	01	1921	4	03.8	01.5	2	.	.	.	.	.
01	840530	01	1923	4	03.8	01.2	2	11.5	.021	01.0	07.26	0.177
01	840530	01	1923	4	03.8	01.2	2	.	.	.	.	.
01	840530	01	1923	4	03.8	01.2	2	.	.	.	.	.
01	840530	01	1923	4	03.8	01.2	2	.	.	.	.	.
01	840530	01	1928	4	03.8	00.9	1	11.7	.019	00.9	07.15	0.171
01	840530	01	1928	4	03.8	00.9	1	.	.	.	.	.
01	840530	01	1928	4	03.8	00.9	1	.	.	.	.	.
01	840530	01	1928	4	03.8	00.9	1	.	.	.	.	.
01	840530	01	1930	4	03.8	00.6	1	11.6	.017	00.8	07.04	0.153
01	840530	01	1930	4	03.8	00.6	1	.	.	.	.	.
01	840530	01	1930	4	03.8	00.6	1	.	.	.	.	.
01	840530	01	1930	4	03.8	00.6	1	.	.	.	.	.
01	840530	01	1932	4	03.8	00.3	1	11.6	.015	00.7	07.06	0.148
01	840530	01	1932	4	03.8	00.3	1	.	.	.	.	.
01	840530	01	1932	4	03.8	00.3	1	.	.	.	.	.
01	840530	01	1932	4	03.8	00.3	1	.	.	.	.	.
01	840530	01	1935	4	03.8	00.0	1	11.6	.006	00.3	07.08	0.148
01	840530	01	1935	4	03.8	00.0	1	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
			006.07	010	01284.00	02						
			009.51	010	01264.00	02						
			.	010	01236.00	02						
10.67	105		.	100	01199.00	03						
10.19	100		.	100	00761.00	03						
9.76	97		.	100	00466.00	03						
7.93	86		.	100	00420.00	03						
7.53	82		.	100	00427.00	03						
7.63	83		.	100	00446.00	03						
8.07	88		.	100	00342.00	03						
8.02	87		.	100	00407.00	03						
9.70	94		.	100	00732.00	03	000	000	000	000	000	000
			.	010	00719.00	03	000	000	000	000	000	000
			.	010	00760.00	03	000	000	000	000	000	000
			.	010	00950.00	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	001	000	000	000	000
			.		.	03	000	000	000	000	000	000
10.25	99		.	100	01098.00	03						
			.	010	01098.00	03						
			.	010	01122.00	03						
			.	010	00949.00	03						
9.79	98		.	100	00690.00	03						
9.09	95		.	100	00441.00	03						
7.54	82		.	100	00389.00	03						
7.83	85		.	100	00474.00	03						
9.51	94		000.00	100	00025.70	06						
			.	010	00023.00	06						
			.	010	00022.80	06						
			.	010	00022.70	06						
10.38	99		.	100	00026.50	06						
			.	010	00027.80	06						
			.	010	00028.20	06						
			.	010	00028.00	06						
10.38	98		004.35	100	00034.60	06						
			.	010	00034.20	06						
			.	010	00035.10	06						
			.	010	00035.70	06						
10.36	99		000.00	100	00038.30	06						
			.	010	00031.20	06						
			.	010	00031.40	06						
			.	010	00031.60	06						
10.19	97		012.58	100	00041.50	06						
			.	010	00040.50	06						
			.	010	00040.00	06						
			.	010	00040.30	06						
10.36	98		005.88	100	00049.20	06						
			.	010	00043.90	06						
			.	010	00044.90	06						
			.	010	00045.50	06						
10.40	98		.	100	00054.30	06						
			.	010	00056.10	06						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
01	840530	01	1935	4	03.8	00.0	1	.	.	.	.	.
01	840530	01	1935	4	03.8	00.0	1	.	.	.	.	.
01	840530	02	1200	1	00.9	00.0	3	.	.	.	.	.
01	840530	02	1200	1	00.9	00.0	3	.	.	.	.	.
01	840530	02	1200	1	00.9	00.0	3	.	.	.	.	.
01	840530	02	1200	1	00.9	00.0	3	.	.	.	.	.
01	840530	02	1200	1	00.9	00.0	3	.	.	.	.	.
01	840530	02	1200	1	00.9	00.0	3	.	.	.	.	.
01	840530	02	1200	1	00.9	00.0	3	.	.	.	.	.
01	840530	02	1200	1	00.9	00.0	3	.	.	.	.	.
01	840530	02	1200	1	00.9	00.0	3	.	.	.	.	.
01	840530	02	1200	1	00.9	00.0	3	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	1	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	1	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	1	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	1	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	1	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	1	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	1	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	1	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	1	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	1	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	2	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	2	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	2	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	2	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	2	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	2	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	2	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	2	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	2	.	.	.	.	.
01	840530	02	1635	3	03.3	00.0	2	.	.	.	.	.
01	840530	02	1726	3	03.8	00.0	1	10.9	.001	00.0	07.31	0.100
01	840530	02	1726	3	03.8	00.0	1	.	.	.	.	.
01	840530	02	1726	3	03.8	00.0	1	.	.	.	.	.
01	840530	02	1726	3	03.8	00.0	1	.	.	.	.	.
01	840530	02	1730	3	03.8	00.3	1	10.6	.018	00.8	07.36	0.180
01	840530	02	1730	3	03.8	00.3	1	.	.	.	.	.
01	840530	02	1730	3	03.8	00.3	1	.	.	.	.	.
01	840530	02	1730	3	03.8	00.3	1	.	.	.	.	.
01	840530	02	1737	3	03.8	00.6	1	10.9	.012	00.5	07.36	0.181
01	840530	02	1737	3	03.8	00.6	1	.	.	.	.	.
01	840530	02	1737	3	03.8	00.6	1	.	.	.	.	.
01	840530	02	1737	3	03.8	00.6	1	.	.	.	.	.
01	840530	02	1739	3	03.8	00.9	1	10.9	.015	00.7	07.33	0.180
01	840530	02	1739	3	03.8	00.9	1	.	.	.	.	.
01	840530	02	1739	3	03.8	00.9	1	.	.	.	.	.
01	840530	02	1739	3	03.8	00.9	1	.	.	.	.	.
01	840530	02	1741	3	03.9	01.2	2	10.9	.017	00.7	07.31	0.181
01	840530	02	1741	3	03.9	01.2	2	.	.	.	.	.
01	840530	02	1741	3	03.9	01.2	2	.	.	.	.	.
01	840530	02	1741	3	03.9	01.2	2	.	.	.	.	.
01	840530	02	1743	3	03.9	01.5	2	10.9	.026	01.2	07.23	0.187
01	840530	02	1743	3	03.9	01.5	2	.	.	.	.	.
01	840530	02	1743	3	03.9	01.5	2	.	.	.	.	.

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D02C D02SAT FLDI  FLOW  LTT   LIGHT   WE HCH WCH WCO UNI CTT SHT

                     .  010 00056.20 06
                     .  010 00056.10 06
                     .            .  06 000 000 000 000 000 000
                     .            .  06 000 000 000 000 000 000
                     .            .  06 000 000 000 000 000 000
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                     .            .  06 000 001 001 000 000 000
                     .            .  06 000 000 000 000 000 000
                     .            .  06 000 010 000 000 000 000
                     .            .  06 000 028 000 000 000 000
                     .            .  06 000 009 000 000 000 000
                     .            .  06 000 000 000 000 000 000
                     .            .  06 000 006 000 000 000 000
                     .            .  06 000 000 000 000 000 000
                     .            .  06 000 000 000 000 000 000
                     .            .  06 000 000 000 000 000 000
                     .            .  06 000 003 000 000 000 000
                     .            .  06 000 006 000 000 000 000
                     .            .  06 000 000 000 000 000 000
                     .            .  06 000 002 000 000 000 000
                     .            .  06 000 000 000 000 000 000
                     .            .  06 000 003 000 000 000 000
                     .            .  06 000 000 000 000 000 000
                     .            .  06 000 000 000 000 000 000
                     .            .  06 000 000 000 000 000 000
                     .            .  06 000 000 000 000 000 000
                     .            .  06 000 000 000 000 000 000
                     .            .  06 000 017 000 000 000 000
10.69   99          021.38 100 00332.00 06
                    029.03 010 00307.00 06
                    022.33 010 00284.00 06
                       .   010 00302.00 06
10.53   98          023.86 100 00230.00 06
                    028.84 010 00225.00 06
                    028.84 010 00223.00 06
                       .   010 00220.00 06
10.53   98          024.44 100 00173.00 06
                    022.52 010 00169.00 06
                    023.67 010 00166.00 06
                       .   010 00166.00 06
10.53   98          021.57 100 00132.00 06
                    021.95 010 00130.00 06
                    026.92 010 00129.00 06
                       .   010 00131.00 06
10.51   98          039.67 100 00125.00 06
                    022.91 010 00123.00 06
                       .   010 00126.00 06
                       .   010 00129.00 06
10.47   98          017.75 100 00094.20 06
                    019.85 010 00088.40 06
                    020.61 010 00103.90 06
```

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
01	840530	02	1743	3	03.9	01.5	2	.	.	.	.	.
01	840530	02	1746	3	03.9	01.8	2	10.5	.197	11.5	07.50	0.193
01	840530	02	1746	3	03.9	01.8	2	.	.	.	.	.
01	840530	02	1746	3	03.9	01.8	2	.	.	.	.	.
01	840530	02	1746	3	03.9	01.8	2	.	.	.	.	.
01	840530	02	1748	3	03.9	02.1	3	10.5	.238	14.3	07.61	0.185
01	840530	02	1748	3	03.9	02.1	3	.	.	.	.	.
01	840530	02	1748	3	03.9	02.1	3	.	.	.	.	.
01	840530	02	1748	3	03.9	02.1	3	.	.	.	.	.
01	840530	02	1756	3	04.1	02.4	3	10.3	.393	25.0	07.43	0.169
01	840530	02	1756	3	04.1	02.4	3	.	.	.	.	.
01	840530	02	1756	3	04.1	02.4	3	.	.	.	.	.
01	840530	02	1756	3	04.1	02.4	3	.	.	.	.	.
01	840530	02	1802	3	04.1	02.7	3	09.6	.422	27.1	07.42	0.163
01	840530	02	1802	3	04.1	02.7	3	.	.	.	.	.
01	840530	02	1802	3	04.1	02.7	3	.	.	.	.	.
01	840530	02	1802	3	04.1	02.7	3	.	.	.	.	.
01	840530	03	1204	1	00.9	00.0	1	11.5	.001	00.0	07.29	0.124
01	840530	03	1204	1	00.9	00.0	1	.	.	.	.	.
01	840530	03	1204	1	00.9	00.0	1	.	.	.	.	.
01	840530	03	1204	1	00.9	00.0	1	.	.	.	.	.
01	840530	03	1224	1	01.1	00.0	1	11.6	.009	00.4	07.25	0.080
01	840530	03	1224	1	01.1	00.0	1	.	.	.	.	.
01	840530	03	1224	1	01.1	00.0	1	.	.	.	.	.
01	840530	03	1224	1	01.1	00.0	1	.	.	.	.	.
01	840530	03	1224	1	01.1	00.0	1	.	.	.	.	.
01	840530	03	1224	1	01.1	00.0	1	.	.	.	.	.
01	840530	03	1224	1	01.1	00.0	1	.	.	.	.	.
01	840530	03	1224	1	01.1	00.0	1	.	.	.	.	.
01	840530	03	1224	1	01.1	00.0	1	.	.	.	.	.
01	840530	03	1224	1	01.1	00.0	1	.	.	.	.	.
01	840530	03	1541	2	02.9	03.4	3	10.1	.398	25.4	07.46	0.180
01	840530	03	1541	2	02.9	03.4	3	.	.	.	.	.
01	840530	03	1541	2	02.9	03.4	3	.	.	.	.	.
01	840530	03	1541	2	02.9	03.4	3	.	.	.	.	.
01	840530	03	1541	2	02.9	03.4	3	.	.	.	.	.
01	840530	03	1545	2	02.9	03.0	3	10.6	.179	10.4	07.56	0.158
01	840530	03	1545	2	02.9	03.0	3	.	.	.	.	.
01	840530	03	1545	2	02.9	03.0	3	.	.	.	.	.
01	840530	03	1545	2	02.9	03.0	3	.	.	.	.	.
01	840530	03	1548	2	02.9	02.7	3	10.9	.146	08.5	07.59	0.150
01	840530	03	1548	2	02.9	02.7	3	.	.	.	.	.
01	840530	03	1548	2	02.9	02.7	3	.	.	.	.	.
01	840530	03	1548	2	02.9	02.7	3	.	.	.	.	.
01	840530	03	1551	2	03.0	02.4	3	11.2	.030	01.4	07.54	0.142
01	840530	03	1551	2	03.0	02.4	3	.	.	.	.	.
01	840530	03	1551	2	03.0	02.4	3	.	.	.	.	.
01	840530	03	1551	2	03.0	02.4	3	.	.	.	.	.
01	840530	03	1555	3	03.0	02.1	3	11.2	.004	00.2	07.69	0.128
01	840530	03	1555	3	03.0	02.1	3	.	.	.	.	.
01	840530	03	1555	3	03.0	02.1	3	.	.	.	.	.
01	840530	03	1555	3	03.0	02.1	3	.	.	.	.	.
01	840530	03	1557	3	03.0	01.8	2	11.2	.003	00.2	07.40	0.144
01	840530	03	1557	3	03.0	01.8	2	.	.	.	.	.
01	840530	03	1557	3	03.0	01.8	2	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
			.	010	00101.70	06						
9.44	93		013.72	100	00084.50	06						
			010.28	010	00081.00	06						
			009.12	010	00083.10	06						
			.	010	00084.70	06						
9.15	92		008.75	100	00118.00	06						
			004.73	010	00105.60	06						
			005.30	010	00114.00	06						
			004.35	010	00113.60	06						
8.51	91		11.24	100	00090.00	06						
			11.62	010	00133.50	06						
			12.38	010	00107.90	06						
			6.45	010	00101.50	06						
8.17	87		5.88	100	00074.30	06						
			4.35	010	00078.80	06						
			7.22	010	00080.30	06						
			.	010	00080.40	06						
10.72	101		073.40	100	01088.00	06						
			071.81	010	02270.00	06						
			072.11	010	02540.00	06						
			072.48	010	02130.00	06						
10.82	102		72.85	100	00150.00	06	000	000	000	000	000	000
			70.65	010	00129.00	06	000	000	000	000	000	000
			70.46	010	00145.00	06	000	000	000	000	000	000
			71.75	010	00143.00	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
7.95	85		011.62	100	00075.00	06						
			011.24	010	00045.00	06						
			008.94	010	00044.00	06						
			.	010	00042.00	06						
			.	010	00033.00	06						
9.44	93		006.65	100	00030.00	06						
			010.09	010	00026.00	06						
			007.79	010	00025.00	06						
			.	010	00025.00	06						
9.70	95		004.54	100	00020.00	06						
			007.98	010	00025.00	06						
			010.66	010	00025.00	06						
			.	010	00018.00	06						
10.63	100		024.44	100	00039.60	06						
			020.99	010	00046.20	06						
			013.72	010	00047.60	06						
			.	010	00047.70	06						
10.74	101		046.64	100	00065.90	06						
			046.09	010	00065.50	06						
			047.19	010	00075.50	06						
			.	010	00075.20	06						
10.79	101		048.10	100	00085.30	06						
			049.90	010	00086.50	06						
			044.07	010	00084.50	06						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
01	840530	03	1557	3	03.0	01.8	2	.	.	.	.	.
01	840530	03	1600	3	03.0	01.5	2	11.2	.002	00.1	07.30	0.146
01	840530	03	1600	3	03.0	01.5	2	.	.	.	.	.
01	840530	03	1600	3	03.0	01.5	2	.	.	.	.	.
01	840530	03	1600	3	03.0	01.5	2	.	.	.	.	.
01	840530	03	1603	3	03.0	01.2	2	11.2	.002	00.1	07.37	0.156
01	840530	03	1603	3	03.0	01.2	2	.	.	.	.	.
01	840530	03	1603	3	03.0	01.2	2	.	.	.	.	.
01	840530	03	1603	3	03.0	01.2	2	.	.	.	.	.
01	840530	03	1606	3	03.0	00.9	1	11.2	.002	00.1	07.25	0.152
01	840530	03	1606	3	03.0	00.9	1	.	.	.	.	.
01	840530	03	1606	3	03.0	00.9	1	.	.	.	.	.
01	840530	03	1606	3	03.0	00.9	1	.	.	.	.	.
01	840530	03	1610	3	03.1	00.6	1	11.2	.002	00.1	07.26	0.156
01	840530	03	1610	3	03.1	00.6	1	.	.	.	.	.
01	840530	03	1610	3	03.1	00.6	1	.	.	.	.	.
01	840530	03	1610	3	03.1	00.6	1	.	.	.	.	.
01	840530	03	1612	3	03.1	00.3	1	11.1	.001	00.0	07.24	0.160
01	840530	03	1612	3	03.1	00.3	1	.	.	.	.	.
01	840530	03	1612	3	03.1	00.3	1	.	.	.	.	.
01	840530	03	1612	3	03.1	00.3	1	.	.	.	.	.
01	840530	03	1616	3	03.1	00.0	1	11.1	.001	00.0	07.24	0.158
01	840530	03	1616	3	03.1	00.0	1	.	.	.	.	.
01	840530	03	1616	3	03.1	00.0	1	.	.	.	.	.
01	840530	03	1616	3	03.1	00.0	1	.	.	.	.	.
01	840530	03	1616	3	03.1	00.0	1	.	.	.	.	.
01	840530	03	1616	3	03.1	00.0	1	.	.	.	.	.
01	840530	03	1616	3	03.1	00.0	1	.	.	.	.	.
01	840530	03	1616	3	03.1	00.0	1	.	.	.	.	.
01	840530	03	1616	3	03.1	00.0	1	.	.	.	.	.
01	840530	03	1616	3	03.1	00.0	1	.	.	.	.	.
01	840530	03	1645	3	03.4	03.4	3	.	.	.	.	.
01	840530	03	1645	3	03.4	03.4	3	.	.	.	.	.
01	840530	03	1645	3	03.4	03.4	3	.	.	.	.	.
01	840530	03	1645	3	03.4	03.4	3	.	.	.	.	.
01	840530	03	1645	3	03.4	03.4	3	.	.	.	.	.
01	840530	03	1645	3	03.4	03.4	3	.	.	.	.	.
01	840530	03	1645	3	03.4	03.4	3	.	.	.	.	.
01	840530	03	1645	3	03.4	03.4	3	.	.	.	.	.
01	840530	03	1645	3	03.4	03.4	3	.	.	.	.	.
01	840530	03	1645	3	03.4	03.4	3	.	.	.	.	.
01	840530	04	1400	2	02.0	00.0	1	.	.	.	.	.
01	840530	04	1400	2	02.0	00.0	1	.	.	.	.	.
01	840530	04	1400	2	02.0	00.0	1	.	.	.	.	.
01	840530	04	1400	2	02.0	00.0	1	.	.	.	.	.
01	840530	04	1400	2	02.0	00.0	1	.	.	.	.	.
01	840530	04	1400	2	02.0	00.0	1	.	.	.	.	.
01	840530	04	1400	2	02.0	00.0	1	.	.	.	.	.
01	840530	04	1400	2	02.0	00.0	1	.	.	.	.	.
01	840530	04	1400	2	02.0	00.0	1	.	.	.	.	.
01	840530	04	1400	2	02.0	00.0	1	.	.	.	.	.
01	840530	04	1646	3	03.4	02.1	3	10.8	.133	07.4	07.48	0.222
01	840530	04	1646	3	03.4	02.1	3	.	.	.	.	.
01	840530	04	1646	3	03.4	02.1	3	.	.	.	.	.
01	840530	04	1646	3	03.4	02.1	3	.	.	.	.	.

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 D02C D02SAT FLDI  FLOW  LTT   LIGHT   WE HCH WCH WCO UNI CTT SHT

                      .   010 00083.60 06
10.73  101         043.71 100 00080.20 06
                   042.79 010 00080.00 06
                   043.89 010 00079.10 06
                      .   010 00079.60 06
10.71  100         042.61 100 00098.20 06
                   041.87 010 00103.30 06
                   039.86 010 00104.80 06
                      .   010 00108.60 06
10.63  100         039.12 100 00160.30 06
                   038.39 010 00212.00 06
                   040.04 010 00215.00 06
                      .   010 00220.00 06
10.69  100         041.51 100 00269.00 06
                   041.32 010 00263.00 06
                   043.89 010 00261.00 06
                      .   010 00258.00 06
10.73  100         044.07 100 00258.00 06
                   043.71 010 00235.00 06
                   046.64 010 00217.00 06
                      .   010 00212.00 06
10.75  100         048.10 100 00249.00 06 000 000 000 000 000 000
                   050.12 010 00222.00 06 000 000 000 000 000 000
                   052.14 010 00213.00 06 000 000 000 000 000 000
                      .   010 00212.00 06 000 000 000 000 000 000
                      .            .   06 000 000 000 000 000 000
                      .            .   06 000 000 000 000 000 000
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                      .            .   06 000 000 000 000 000 000
                      .            .   06 000 000 000 000 000 000
                      .            .   06 000 000 000 000 000 000
                      .            .   06 000 000 000 000 000 000
 9.87   96         006.45 100 00053.00 06
                   004.16 010 00067.00 06
                   003.77 010 00065.00 06
                      .   010 00067.00 06
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TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
01	840530	04	1652	3	03.5	01.8	2	10.9	.128	07.2	07.55	0.197
01	840530	04	1652	3	03.5	01.8	2	.	.	.	.	.
01	840530	04	1652	3	03.5	01.8	2	.	.	.	.	.
01	840530	04	1652	3	03.5	01.8	2	.	.	.	.	.
01	840530	04	1700	3	03.5	01.5	2	11.0	.036	01.7	07.55	0.161
01	840530	04	1700	3	03.5	01.5	2	.	.	.	.	.
01	840530	04	1700	3	03.5	01.5	2	.	.	.	.	.
01	840530	04	1700	3	03.5	01.5	2	.	.	.	.	.
01	840530	04	1702	3	03.5	01.2	2	11.1	.025	01.2	07.31	0.175
01	840530	04	1702	3	03.5	01.2	2	.	.	.	.	.
01	840530	04	1702	3	03.5	01.2	2	.	.	.	.	.
01	840530	04	1702	3	03.5	01.2	2	.	.	.	.	.
01	840530	04	1705	3	03.5	00.9	1	11.0	.022	01.0	07.34	0.175
01	840530	04	1705	3	03.5	00.9	1	.	.	.	.	.
01	840530	04	1705	3	03.5	00.9	1	.	.	.	.	.
01	840530	04	1705	3	03.5	00.9	1	.	.	.	.	.
01	840530	04	1708	3	03.6	00.6	1	11.0	.024	01.1	07.32	0.169
01	840530	04	1708	3	03.6	00.6	1	.	.	.	.	.
01	840530	04	1708	3	03.6	00.6	1	.	.	.	.	.
01	840530	04	1708	3	03.6	00.6	1	.	.	.	.	.
01	840530	04	1711	3	03.7	00.3	1	11.0	.007	00.3	07.32	0.171
01	840530	04	1711	3	03.7	00.3	1	.	.	.	.	.
01	840530	04	1711	3	03.7	00.3	1	.	.	.	.	.
01	840530	04	1711	3	03.7	00.3	1	.	.	.	.	.
01	840530	04	1714	3	03.7	00.0	1	11.0	.008	00.4	07.22	0.174
01	840530	04	1714	3	03.7	00.0	1	.	.	.	.	.
01	840530	04	1714	3	03.7	00.0	1	.	.	.	.	.
01	840530	04	1714	3	03.7	00.0	1	.	.	.	.	.
01	840531	05	1229	1	00.9	00.0	1	13.6	.028	01.3	07.99	0.093
01	840531	05	1229	1	00.9	00.0	1	.	.	.	.	.
01	840531	05	1229	1	00.9	00.0	1	.	.	.	.	.
01	840531	05	1229	1	00.9	00.0	1	.	.	.	.	.
01	840531	05	1229	1	00.9	00.0	1	.	.	.	.	.
01	840531	05	1229	1	00.9	00.0	1	.	.	.	.	.
01	840531	05	1229	1	00.9	00.0	1	.	.	.	.	.
01	840531	05	1229	1	00.9	00.0	1	.	.	.	.	.
01	840531	05	1229	1	00.9	00.0	1	.	.	.	.	.
01	840531	05	1229	1	00.9	00.0	1	.	.	.	.	.
01	840531	05	1232	1	00.9	00.3	1	13.8	.091	04.9	08.16	0.095
01	840531	05	1705	3	03.2	00.0	1	12.3	.034	01.7	07.44	0.112
01	840531	05	1705	3	03.2	00.0	1	.	.	.	.	.
01	840531	05	1705	3	03.2	00.0	1	.	.	.	.	.
01	840531	05	1705	3	03.2	00.0	1	.	.	.	.	.
01	840531	05	1705	3	03.2	00.0	1	.	.	.	.	.
01	840531	05	1705	3	03.2	00.0	1	.	.	.	.	.
01	840531	05	1705	3	03.2	00.0	1	.	.	.	.	.
01	840531	05	1705	3	03.2	00.0	1	.	.	.	.	.
01	840531	05	1705	3	03.2	00.0	1	.	.	.	.	.
01	840531	05	1705	3	03.2	00.0	1	.	.	.	.	.
01	840531	05	1710	3	03.3	00.3	1	11.9	.133	07.5	07.71	0.124
01	840531	05	1710	3	03.3	00.3	1	.	.	.	.	.
01	840531	05	1710	3	03.3	00.3	1	.	.	.	.	.
01	840531	06	1210	1	00.8	00.0	1	13.5	.089	04.7	07.89	0.099
01	840531	06	1210	1	00.8	00.0	1	.	.	.	.	.
01	840531	06	1210	1	00.8	00.0	1	.	.	.	.	.

D02C	D02SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
9.90	96		014.30	100	00069.00	06						
			020.23	010	00073.00	06						
			018.12	010	00067.00	06						
			.	010	00066.00	06						
10.51	99		031.24	100	00068.90	06						
			034.17	010	00072.80	06						
			042.61	010	00071.20	06						
			.	010	00067.00	06						
10.62	100		046.46	100	00059.00	06						
			041.69	010	00079.40	06						
			041.69	010	00075.50	06						
			.	010	00069.70	06						
10.59	99		038.02	100	00057.30	06						
			037.66	010	00060.70	06						
			039.86	010	00059.60	06						
			.	010	00059.70	06						
10.62	100		041.87	100	00069.10	06						
			047.00	010	00062.50	06						
			045.35	010	00062.00	06						
			.	010	00061.50	06						
10.67	100		047.00	100	00064.20	06						
			042.24	010	00058.60	06						
			042.06	010	00057.40	06						
			.	010	00055.80	06						
10.64	99		042.61	100	00067.40	06						
			047.92	010	00091.70	06						
			049.75	010	00069.50	06						
			.	010	00073.00	06						
11.61	115		000.00	100	00893.00	02	000	001	000	000	000	000
			.		.	02	003	010	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	027	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	001	000	000	000	000
11.73	120		000.00	100	00652.00	02						
10.66	103		015.44	100	00375.00	02	000	000	000	000	000	000
			016.40		.	02	000	000	000	000	000	000
			018.70		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
10.19	101		025.98	100	00299.00	02						
			025.98		.	02						
			024.96		.	02						
10.70	108		000.00	100	00949.00	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	006	000	000	000	000

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
01	840531	06	1210	1	00.8	00.0	1	.	.	.	.	.
01	840531	06	1210	1	00.8	00.0	1	.	.	.	.	.
01	840531	06	1210	1	00.8	00.0	1	.	.	.	.	.
01	840531	06	1210	1	00.8	00.0	1	.	.	.	.	.
01	840531	06	1210	1	00.8	00.0	1	.	.	.	.	.
01	840531	06	1210	1	00.8	00.0	1	.	.	.	.	.
01	840531	06	1210	1	00.8	00.0	1	.	.	.	.	.
01	840531	06	1214	1	00.8	00.3	1	13.4	.094	05.0	07.97	0.107
01	840531	06	1217	1	00.8	00.6	1	13.0	.116	06.4	08.01	0.108
01	840531	06	1603	2	03.2	00.0	1	10.7	.439	28.3	07.68	0.139
01	840531	06	1603	2	03.2	00.0	1	.	.	.	.	.
01	840531	06	1603	2	03.2	00.0	1	.	.	.	.	.
01	840531	06	1603	2	03.2	00.0	1	.	.	.	.	.
01	840531	06	1603	2	03.2	00.0	1	.	.	.	.	.
01	840531	06	1603	2	03.2	00.0	1	.	.	.	.	.
01	840531	06	1603	2	03.2	00.0	1	.	.	.	.	.
01	840531	06	1603	2	03.2	00.0	1	.	.	.	.	.
01	840531	06	1603	2	03.2	00.0	1	.	.	.	.	.
01	840531	06	1603	2	03.2	00.0	1	.	.	.	.	.
01	840531	06	1606	2	03.2	00.3	1	10.7	.641	.	07.63	0.140
01	840531	06	1606	2	03.2	00.3	1	.	.	.	.	.
01	840531	06	1606	2	03.2	00.3	1	.	.	.	.	.
01	840531	06	1612	2	02.8	00.6	1	10.3	.440	28.4	07.34	0.120
01	840531	06	1612	2	02.8	00.6	1	.	.	.	.	.
01	840531	06	1612	2	02.8	00.6	1	.	.	.	.	.
01	840531	06	1615	2	02.8	00.9	1	10.2	.442	28.5	07.17	0.120
01	840531	06	1615	2	02.8	00.9	1	.	.	.	.	.
01	840531	06	1615	2	02.8	00.9	1	.	.	.	.	.
01	840531	06	1631	3	03.0	01.2	2	10.1	.442	28.5	07.26	0.127
01	840531	06	1631	3	03.0	01.2	2	.	.	.	.	.
01	840531	06	1631	3	03.0	01.2	2	.	.	.	.	.
01	840531	06	1634	3	03.0	01.5	2	10.0	.442	28.5	07.38	0.128
01	840531	06	1634	3	03.0	01.5	2	.	.	.	.	.
01	840531	06	1634	3	03.0	01.5	2	.	.	.	.	.
01	840531	06	1637	3	03.0	01.8	2	09.9	.442	28.5	07.44	0.124
01	840531	06	1637	3	03.0	01.8	2	.	.	.	.	.
01	840531	06	1637	3	03.0	01.8	2	.	.	.	.	.
01	840531	07	1221	1	00.8	00.0	1	13.8	.090	04.8	08.05	0.092
01	840531	07	1221	1	00.8	00.0	1	.	.	.	.	.
01	840531	07	1221	1	00.8	00.0	1	.	.	.	.	.
01	840531	07	1221	1	00.8	00.0	1	.	.	.	.	.
01	840531	07	1221	1	00.8	00.0	1	.	.	.	.	.
01	840531	07	1221	1	00.8	00.0	1	.	.	.	.	.
01	840531	07	1221	1	00.8	00.0	1	.	.	.	.	.
01	840531	07	1221	1	00.8	00.0	1	.	.	.	.	.
01	840531	07	1221	1	00.8	00.0	1	.	.	.	.	.
01	840531	07	1221	1	00.8	00.0	1	.	.	.	.	.
01	840531	07	1224	1	00.8	00.3	1	13.5	.092	04.9	08.11	0.096
01	840531	07	1646	3	03.1	00.0	1	11.8	.014	00.7	07.38	0.108
01	840531	07	1646	3	03.1	00.0	1	.	.	.	.	.
01	840531	07	1646	3	03.1	00.0	1	.	.	.	.	.
01	840531	07	1646	3	03.1	00.0	1	.	.	.	.	.
01	840531	07	1646	3	03.1	00.0	1	.	.	.	.	.
01	840531	07	1646	3	03.1	00.0	1	.	.	.	.	.
01	840531	07	1646	3	03.1	00.0	1	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	011	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
10.97	111		000.00	100	00715.00	02						
11.76	119		000.00	100	00750.00	02						
8.20	91		014.87	100	00689.00	02	000	000	000	000	000	000
			012.00		.	02	000	000	000	000	000	000
			011.24		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
9.45	87		010.47	100	00390.00	02						
			010.85		.	02						
			008.56		.	02						
8.23	90		013.34	100	00671.00	02						
			007.41		.	02						
			007.60		.	02						
8.19	90		010.47	100	00377.00	02						
			009.51		.	02						
			010.28		.	02						
8.39	92		011.04	100	00261.00	02						
			009.32		.	02						
			012.00		.	02						
8.17	89		014.68	100	00224.00	02						
			014.30		.	02						
			013.15		.	02						
8.28	90		007.03	100	00292.00	02						
			007.03		.	02						
			012.58		.	02						
10.79	110		000.00	100	01109.00	02	000	000	000	000	000	000
			.		.	02	000	009	000	000	000	000
			.		.	02	000	005	000	000	000	000
			.		.	02	000	026	000	000	000	000
			.		.	02	000	012	000	000	000	000
			.		.	02	000	008	000	000	000	000
			.		.	02	000	015	000	000	000	000
			.		.	02	000	020	000	000	000	000
			.		.	02	000	025	000	000	000	000
			.		.	02	000	005	000	000	000	000
11.58	117		000.00	100	00521.00	02						
10.59	101		018.12	100	00464.00	02	000	000	000	000	000	000
			013.91		.	02	000	000	000	000	000	000
			015.44		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000
			.		.	02	000	000	000	000	000	000

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
01	840531	07	1646	3	03.1	00.0	1	.	.	.	.	.
01	840531	07	1646	3	03.1	00.0	1	.	.	.	.	.
01	840531	07	1646	3	03.1	00.0	1	.	.	.	.	.
01	840531	07	1648	3	03.1	00.3	1	11.7	.018	00.9	07.44	0.124
01	840531	07	1648	3	03.1	00.3	1	.	.	.	.	.
01	840531	07	1648	3	03.1	00.3	1	.	.	.	.	.
01	840531	07	1648	3	03.1	00.3	1	.	.	.	.	.
01	840531	07	1651	3	03.1	00.6	1	11.5	.176	10.2	07.56	0.138
01	840531	07	1651	3	03.1	00.6	1	.	.	.	.	.
01	840531	07	1651	3	03.1	00.6	1	.	.	.	.	.
01	840531	07	1657	3	03.2	00.9	1	10.8	.282	17.3	07.53	0.139
01	840531	07	1657	3	03.2	00.9	1	.	.	.	.	.
01	840531	07	1657	3	03.2	00.9	1	.	.	.	.	.
01	840531	07	1702	3	03.2	01.2	2	10.0	.432	27.8	07.47	0.141
01	840531	07	1702	3	03.2	01.2	2	.	.	.	.	.
01	840531	07	1702	3	03.2	01.2	2	.	.	.	.	.
01	840601	01	1420	1	01.3	00.0	1	12.7	.008	00.7	07.50	0.150
01	840601	01	1420	1	01.3	00.0	1	.	.	.	.	.
01	840601	01	1420	1	01.3	00.0	1	.	.	.	.	.
01	840601	01	1420	1	01.3	00.0	1	.	.	.	.	.
01	840601	01	1435	1	01.4	00.3	1	12.7	.018	00.8	07.42	0.144
01	840601	01	1435	1	01.4	00.3	1	.	.	.	.	.
01	840601	01	1435	1	01.4	00.3	1	.	.	.	.	.
01	840601	01	1435	1	01.4	00.3	1	.	.	.	.	.
01	840601	01	1438	1	01.5	00.6	1	12.5	.019	00.9	07.38	0.142
01	840601	01	1438	1	01.5	00.6	1	.	.	.	.	.
01	840601	01	1438	1	01.5	00.6	1	.	.	.	.	.
01	840601	01	1440	1	01.5	00.9	1	12.3	.022	01.0	07.32	0.138
01	840601	01	1440	1	01.5	00.9	1	.	.	.	.	.
01	840601	01	1440	1	01.5	00.9	1	.	.	.	.	.
01	840601	01	1440	1	01.5	00.9	1	.	.	.	.	.
01	840601	02	1355	1	01.2	00.3	1	.	.	.	.	.
01	840601	02	1355	1	01.2	00.3	1	.	.	.	.	.
01	840601	02	1355	1	01.2	00.3	1	.	.	.	.	.
01	840601	02	1356	1	01.2	00.6	1	.	.	.	.	.
01	840601	02	1356	1	01.2	00.6	1	.	.	.	.	.
01	840601	02	1356	1	01.2	00.6	1	.	.	.	.	.
01	840601	02	1357	1	01.2	00.9	1	.	.	.	.	.
01	840601	02	1357	1	01.2	00.9	1	.	.	.	.	.
01	840601	02	1357	1	01.2	00.9	1	.	.	.	.	.
01	840601	02	1358	1	01.2	01.2	2	.	.	.	.	.
01	840601	02	1358	1	01.2	01.2	2	.	.	.	.	.
01	840601	02	1358	1	01.2	01.2	2	.	.	.	.	.
01	840601	02	1400	1	01.2	01.4	2	.	.	.	.	.
01	840601	02	1400	1	01.2	01.4	2	.	.	.	.	.
01	840601	02	1400	1	01.2	01.4	2	.	.	.	.	.
01	840601	02	1401	1	01.2	00.0	1	.	.	.	.	.
01	840601	02	1401	1	01.2	00.0	1	.	.	.	.	.
01	840601	02	1401	1	01.2	00.0	1	.	.	.	.	.
01	840601	03	1225	1	00.3	00.0	1	11.9	.001	00.0	07.26	0.133
01	840601	03	1225	1	00.3	00.0	1	.	.	.	.	.
01	840601	03	1225	1	00.3	00.0	1	.	.	.	.	.
01	840601	03	1225	1	00.3	00.0	1	.	.	.	.	.
01	840601	03	1245	1	00.5	00.3	1	11.8	.001	00.0	07.17	0.128
01	840601	03	1245	1	00.5	00.3	1	.	.	.	.	.

```
DO2C DO2SAT FLDI    FLOW   LTT   LIGHT  WE HCH WCH WCO UNI CTT SHT

                       .            .   02 000 000 000 000 000 000
                       .            .   02 000 000 000 000 000 000
                       .            .   02 000 000 000 000 000 000
10.37    99         024.24 100 01018.00 02
                    057.66          .   02
                    054.30          .   02
                    047.59          .   02
10.03   100         017.54 100 00103.40 02
                    016.82          .   02
                    018.98          .   02
 8.45    87         016.10 100 00129.60 02
                    014.67          .   02
                    016.10          .   02
 8.04    87         016.82 100 00100.30 02
                    014.67          .   02
                    016.10          .   02
 9.96    97         078.52 100 01000.00 02
                    046.06 010 00981.00 02
                    035.99 010 00979.00 02
                       .   010 00972.00 02
10.04    98         037.67 100 00903.00 02
                    047.74 010 00926.00 02
                    035.99 010 00920.00 02
                       .   010 00925.00 02
10.00    97         000.00 010 00700.00 02
                       .   010 00696.00 02
                       .   010 00695.00 02
 9.92    96         000.00 100 00592.00 02
                       .   010 00634.00 02
                       .   010 00645.00 02
                       .   010 00628.00 02
                    122.09          .   02
                    113.38          .   02
                    115.12          .   02
                    115.12          .   02
                    094.21          .   02
                    104.66          .   02
                    106.41          .   02
                    097.69          .   02
                    094.21          .   02
                    071.55          .   02
                    078.52          .   02
                    087.23          .   02
                    046.06          .   02
                    042.70          .   02
                    047.74          .   02
                    134.29          .   02
                    122.09          .   02
                    120.35          .   02
10.98   104         209.23 100 01469.00 02
                    214.46 010 01578.00 02
                    226.66 010 01568.00 02
                       .   010 01532.00 02
10.98   104         139.52 100 01043.00 02
                    134.29 010 01078.00 02
```

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
01	840601	03	1245	1	00.5	00.3	1	.	.	.	.	.
01	840601	03	1245	1	00.5	00.3	1	.	.	.	.	.
01	840601	03	1250	1	00.5	00.6	1	11.7	.001	00.0	07.19	0.131
01	840601	03	1250	1	00.5	00.6	1	.	.	.	.	.
01	840601	03	1250	1	00.5	00.6	1	.	.	.	.	.
01	840601	03	1250	1	00.5	00.6	1	.	.	.	.	.
01	840601	03	1255	1	00.6	00.9	1	11.7	.001	00.0	07.20	0.133
01	840601	03	1255	1	00.6	00.9	1	.	.	.	.	.
01	840601	03	1255	1	00.6	00.9	1	.	.	.	.	.
01	840601	03	1255	1	00.6	00.9	1	.	.	.	.	.
01	840601	03	1300	1	00.6	01.2	2	11.7	.001	00.0	07.18	0.135
01	840601	03	1300	1	00.6	01.2	2	.	.	.	.	.
01	840601	03	1300	1	00.6	01.2	2	.	.	.	.	.
01	840601	03	1305	1	00.6	01.5	2	11.6	.001	00.0	07.21	0.136
01	840601	03	1305	1	00.6	01.5	2	.	.	.	.	.
01	840601	03	1305	1	00.6	01.5	2	.	.	.	.	.
01	840601	03	1305	1	00.6	01.5	2	.	.	.	.	.
01	840601	03	1310	1	00.6	01.8	2	11.6	.001	00.0	07.15	0.134
01	840601	03	1310	1	00.6	01.8	2	.	.	.	.	.
01	840601	03	1310	1	00.6	01.8	2	.	.	.	.	.
01	840601	03	1310	1	00.6	01.8	2	.	.	.	.	.
01	840601	03	1318	1	00.7	02.1	3	11.6	.000	00.0	07.17	0.137
01	840601	03	1318	1	00.7	02.1	3	.	.	.	.	.
01	840601	03	1318	1	00.7	02.1	3	.	.	.	.	.
01	840601	03	1318	1	00.7	02.1	3	.	.	.	.	.
01	840601	04	0925	6	01.5	00.0	1	11.5	.001	00.0	07.26	0.143
01	840601	04	0925	6	01.5	00.0	1	.	.	.	.	.
01	840601	04	0925	6	01.5	00.0	1	.	.	.	.	.
02	840625	05	1435	3	03.1	00.0	1	15.6	.049	02.5	07.54	0.199
02	840625	05	1435	3	03.1	00.0	1	.	.	.	.	.
02	840625	05	1435	3	03.1	00.0	1	.	.	.	.	.
02	840625	05	1435	3	03.1	00.0	1	.	.	.	.	.
02	840625	05	1435	3	03.1	00.0	1	.	.	.	.	.
02	840625	05	1435	3	03.1	00.0	1	.	.	.	.	.
02	840625	05	1435	3	03.1	00.0	1	.	.	.	.	.
02	840625	05	1435	3	03.1	00.0	1	.	.	.	.	.
02	840625	05	1435	3	03.1	00.0	1	.	.	.	.	.
02	840625	05	1435	3	03.1	00.0	1	.	.	.	.	.
02	840625	05	1451	3	03.3	00.0	3	.	.	.	.	.
02	840625	05	1451	3	03.3	00.0	3	.	.	.	.	.
02	840625	05	1451	3	03.3	00.0	3	.	.	.	.	.
02	840625	05	1451	3	03.3	00.0	3	.	.	.	.	.
02	840625	05	1451	3	03.3	00.0	3	.	.	.	.	.
02	840625	05	1451	3	03.3	00.0	3	.	.	.	.	.
02	840625	05	1451	3	03.3	00.0	3	.	.	.	.	.
02	840625	05	1451	3	03.3	00.0	3	.	.	.	.	.
02	840625	05	1451	3	03.3	00.0	3	.	.	.	.	.
02	840625	05	1451	3	03.3	00.0	3	.	.	.	.	.
02	840625	05	1500	3	03.3	00.3	1	13.4	.189	11.0	07.60	0.177
02	840625	05	1500	3	03.3	00.3	1	.	.	.	.	.
02	840625	05	1500	3	03.3	00.3	1	.	.	.	.	.
02	840625	05	1500	3	03.3	00.3	1	.	.	.	.	.
02	840625	05	1503	3	03.3	00.6	1	11.6	.393	25.0	07.53	0.181
02	840625	05	1503	3	03.3	00.6	1	.	.	.	.	.
02	840625	05	1503	3	03.3	00.6	1	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
			130.81	010	01074.00	02						
			.	010	01038.00	02						
11.04	105		109.89	100	00465.00	02						
			108.15	010	00484.00	02						
			109.89	010	00456.00	02						
			.	010	00489.00	02						
10.99	104		111.63	100	00484.00	02						
			113.38	010	00551.00	02						
			115.12	010	00567.00	02						
			.	010	00543.00	02						
11.05	105		113.38	010	00912.00	02						
			118.60	010	00881.00	02						
			116.86	010	00875.00	02						
11.00	104		113.38	100	00396.00	02						
			118.60	010	00358.00	02						
			106.41	010	00468.00	02						
			.	010	00446.00	02						
10.88	103		106.41	100	00376.00	02						
			106.41	010	00333.00	02						
			108.15	010	00344.00	02						
			.	010	00370.00	02						
10.90	103		111.63	100	00283.00	02						
			111.63	010	00281.00	02						
			113.38	010	00257.00	02						
			.	010	00334.00	02						
10.74	101		066.32	100	01507.00	02						
			066.32	010	01569.00	02						
			064.58	010	01528.00	02						
10.08	105	000	024.62	100	00539.00	03	000	000	000	000	000	000
		000	023.48	010	00618.00	03	000	000	000	000	000	000
		000	023.48	010	00609.00	03	000	000	000	000	000	000
			.	010	00612.00	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	012	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
9.25	97	000	027.12	100	00488.00	03						
		000	026.92	010	00456.00	03						
		000	025.01	010	00455.00	03						
			.	010	00458.00	03						
8.17	90	000	023.86	100	00451.00	03						
		000	024.05	010	00490.00	03						
		000	024.25	010	00432.00	03						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840625	05	1503	3	03.3	00.6	1	.	.	.	.	.
02	840625	05	1506	3	03.3	00.9	1	12.1	.425	27.3	07.70	0.170
02	840625	05	1506	3	03.3	00.9	1	.	.	.	.	.
02	840625	05	1506	3	03.3	00.9	1	.	.	.	.	.
02	840625	05	1506	3	03.3	00.9	1	.	.	.	.	.
02	840625	05	1513	3	03.4	01.2	2	11.8	.440	28.4	07.29	0.164
02	840625	05	1513	3	03.4	01.2	2	.	.	.	.	.
02	840625	05	1513	3	03.4	01.2	2	.	.	.	.	.
02	840625	05	1513	3	03.4	01.2	2	.	.	.	.	.
02	840625	05	1516	3	03.4	01.5	2	11.7	.442	28.5	07.65	0.157
02	840625	05	1516	3	03.4	01.5	2	.	.	.	.	.
02	840625	05	1516	3	03.4	01.5	2	.	.	.	.	.
02	840625	05	1516	3	03.4	01.5	2	.	.	.	.	.
02	840625	05	1519	3	03.4	01.8	2	11.7	.443	28.6	07.66	0.155
02	840625	05	1519	3	03.4	01.8	2	.	.	.	.	.
02	840625	05	1519	3	03.4	01.8	2	.	.	.	.	.
02	840625	05	1519	3	03.4	01.8	2	.	.	.	.	.
02	840625	06	1525	3	03.4	00.0	1	13.8	.066	03.4	07.45	0.148
02	840625	06	1525	3	03.4	00.0	1	.	.	.	.	.
02	840625	06	1525	3	03.4	00.0	1	.	.	.	.	.
02	840625	06	1525	3	03.4	00.0	1	.	.	.	.	.
02	840625	06	1525	3	03.4	00.0	1	.	.	.	.	.
02	840625	06	1525	3	03.4	00.0	1	.	.	.	.	.
02	840625	06	1525	3	03.4	00.0	1	.	.	.	.	.
02	840625	06	1525	3	03.4	00.0	1	.	.	.	.	.
02	840625	06	1525	3	03.4	00.0	1	.	.	.	.	.
02	840625	06	1525	3	03.4	00.0	1	.	.	.	.	.
02	840625	06	1530	3	03.5	00.3	1	13.2	.155	08.8	07.56	0.153
02	840625	06	1530	3	03.5	00.3	1	.	.	.	.	.
02	840625	06	1530	3	03.5	00.3	1	.	.	.	.	.
02	840625	06	1530	3	03.5	00.3	1	.	.	.	.	.
02	840625	06	1533	3	03.6	00.6	1	11.5	.397	25.3	07.52	0.163
02	840625	06	1533	3	03.6	00.6	1	.	.	.	.	.
02	840625	06	1533	3	03.6	00.6	1	.	.	.	.	.
02	840625	06	1533	3	03.6	00.6	1	.	.	.	.	.
02	840625	06	1537	3	03.6	00.9	1	10.9	.435	28.0	07.54	0.101
02	840625	06	1537	3	03.6	00.9	1	.	.	.	.	.
02	840625	06	1537	3	03.6	00.9	1	.	.	.	.	.
02	840625	06	1537	3	03.6	00.9	1	.	.	.	.	.
02	840625	06	1540	3	03.6	01.2	2	10.8	.442	28.5	07.56	0.159
02	840625	06	1540	3	03.6	01.2	2	.	.	.	.	.
02	840625	06	1540	3	03.6	01.2	2	.	.	.	.	.
02	840625	06	1540	3	03.6	01.2	2	.	.	.	.	.
02	840625	06	1543	3	03.6	01.5	2	10.8	.444	28.7	07.54	0.158
02	840625	06	1543	3	03.6	01.5	2	.	.	.	.	.
02	840625	06	1543	3	03.6	01.5	2	.	.	.	.	.
02	840625	06	1543	3	03.6	01.5	2	.	.	.	.	.
02	840625	06	1546	3	03.6	01.8	2	10.7	.446	28.8	07.53	0.157
02	840625	06	1546	3	03.6	01.8	2	.	.	.	.	.
02	840625	06	1546	3	03.6	01.8	2	.	.	.	.	.
02	840625	06	1546	3	03.6	01.8	2	.	.	.	.	.
02	840625	06	1548	3	03.6	02.1	3	10.6	.446	28.9	07.53	0.156
02	840625	06	1548	3	03.6	02.1	3	.	.	.	.	.
02	840625	06	1548	3	03.6	02.1	3	.	.	.	.	.
02	840625	06	1548	3	03.6	02.1	3	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
			.	010	00441.00	03						
10.63	120	000	014.49	100	00432.00	03						
		000	016.40	010	00443.00	03						
		000	014.30	010	00463.00	03						
			.	010	00466.00	03						
10.21	115	315	007.60	100	00296.00	03						
		315	006.26	010	00335.00	03						
		315	005.31	010	00324.00	03						
			.	010	00311.00	03						
9.94	112	315	005.69	100	00248.00	03						
		315	005.88	010	00235.00	03						
		315	004.73	010	00251.00	03						
			.	010	00251.00	03						
9.95	112	315	004.35	100	00191.00	03						
		315	004.92	010	00201.00	03						
		315	006.07	010	00199.00	03						
			.	010	00198.00	03						
10.04	101	000	041.14	100	00503.00	03	000	000	000	000	000	000
		000	041.14	010	00657.00	03	000	000	000	000	000	000
		000	041.32	010	00705.00	03	000	000	000	000	000	000
			.	010	00749.00	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
9.64	99	000	030.87	100	00369.00	03						
		000	028.65	010	00386.00	03						
		000	028.45	010	00387.00	03						
			.	010	00383.00	03						
8.39	93	000	021.18	100	00282.00	03						
		000	020.99	010	00280.00	03						
		000	021.18	010	00282.00	03						
			.	010	00279.00	03						
8.30	92	000	021.95	100	00307.00	03						
		000	021.76	010	00259.00	03						
		000	021.95	010	00262.00	03						
			.	010	00266.00	03						
8.38	93	000	020.04	100	00261.00	03						
		000	022.14	010	00272.00	03						
		000	021.76	010	00271.00	03						
			.	010	00269.00	03						
8.34	93	000	022.17	100	00207.00	03						
		000	022.17	010	00227.00	03						
		000	021.76	010	00216.00	03						
			.	010	00214.00	03						
8.31	92	000	017.36	100	00157.00	03						
		000	017.74	010	00171.00	03						
		000	015.83	010	00169.00	03						
			.	010	00168.00	03						
8.34	92	000	016.78	100	00125.00	03	000	000	000	000	000	000
		000	016.98	010	00136.00	03	000	000	000	000	000	000
		000	016.21	010	00132.00	03	000	000	000	000	000	000
			.	010	00130.00	03	000	000	000	000	000	000

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840625	06	1548	3	03.6	02.1	3	.	.	.	.	.
02	840625	06	1548	3	03.6	02.1	3	.	.	.	.	.
02	840625	06	1548	3	03.6	02.1	3	.	.	.	.	.
02	840625	06	1548	3	03.6	02.1	3	.	.	.	.	.
02	840625	06	1548	3	03.6	02.1	3	.	.	.	.	.
02	840625	06	1548	3	03.6	02.1	3	.	.	.	.	.
02	840625	06	1551	3	03.7	02.4	3	10.6	.447	28.9	07.52	0.155
02	840625	06	1551	3	03.7	02.4	3	.	.	.	.	.
02	840625	06	1551	3	03.7	02.4	3	.	.	.	.	.
02	840625	06	1551	3	03.7	02.4	3	.	.	.	.	.
02	840625	06	1553	3	03.7	02.7	3	10.6	.447	28.9	07.50	0.153
02	840625	06	1553	3	03.7	02.7	3	.	.	.	.	.
02	840625	06	1553	3	03.7	02.7	3	.	.	.	.	.
02	840625	06	1553	3	03.7	02.7	3	.	.	.	.	.
02	840625	07	1603	4	03.7	00.0	1	13.2	.108	05.9	07.48	0.144
02	840625	07	1603	4	03.7	00.0	1	.	.	.	.	.
02	840625	07	1603	4	03.7	00.0	1	.	.	.	.	.
02	840625	07	1603	4	03.7	00.0	1	.	.	.	.	.
02	840625	07	1603	4	03.7	00.0	1	.	.	.	.	.
02	840625	07	1603	4	03.7	00.0	1	.	.	.	.	.
02	840625	07	1603	4	03.7	00.0	1	.	.	.	.	.
02	840625	07	1603	4	03.7	00.0	1	.	.	.	.	.
02	840625	07	1603	4	03.7	00.0	1	.	.	.	.	.
02	840625	07	1603	4	03.7	00.0	1	.	.	.	.	.
02	840625	07	1607	4	03.7	00.3	1	12.5	.205	12.0	07.60	0.150
02	840625	07	1607	4	03.7	00.3	1	.	.	.	.	.
02	840625	07	1607	4	03.7	00.3	1	.	.	.	.	.
02	840625	07	1607	4	03.7	00.3	1	.	.	.	.	.
02	840625	07	1612	4	03.7	00.6	1	11.9	.315	19.5	07.53	0.154
02	840625	07	1612	4	03.7	00.6	1	.	.	.	.	.
02	840625	07	1612	4	03.7	00.6	1	.	.	.	.	.
02	840625	07	1612	4	03.7	00.6	1	.	.	.	.	.
02	840625	07	1615	4	03.7	00.9	1	11.3	.410	26.2	07.58	0.156
02	840625	07	1615	4	03.7	00.9	1	.	.	.	.	.
02	840625	07	1615	4	03.7	00.9	1	.	.	.	.	.
02	840625	07	1615	4	03.7	00.9	1	.	.	.	.	.
02	840625	07	1617	4	03.7	01.2	2	11.2	.431	27.7	07.59	0.152
02	840625	07	1617	4	03.7	01.2	2	.	.	.	.	.
02	840625	07	1617	4	03.7	01.2	2	.	.	.	.	.
02	840625	07	1617	4	03.7	01.2	2	.	.	.	.	.
02	840625	07	1620	4	03.7	01.5	2	10.8	.443	28.6	07.54	0.154
02	840625	07	1620	4	03.7	01.5	2	.	.	.	.	.
02	840625	07	1620	4	03.7	01.5	2	.	.	.	.	.
02	840625	07	1620	4	03.7	01.5	2	.	.	.	.	.
02	840625	07	1624	4	03.7	01.8	2	10.7	.446	28.8	07.48	0.147
02	840625	07	1624	4	03.7	01.8	2	.	.	.	.	.
02	840625	07	1624	4	03.7	01.8	2	.	.	.	.	.
02	840625	07	1624	4	03.7	01.8	2	.	.	.	.	.
02	840625	07	1624	4	03.7	01.8	2	.	.	.	.	.
02	840625	07	1624	4	03.7	01.8	2	.	.	.	.	.
02	840625	07	1624	4	03.7	01.8	2	.	.	.	.	.
02	840625	07	1624	4	03.7	01.8	2	.	.	.	.	.
02	840625	07	1624	4	03.7	01.8	2	.	.	.	.	.
02	840625	07	1624	4	03.7	01.8	2	.	.	.	.	.
02	840626	01	0827	6	01.7	00.0	1	13.0	.048	02.4	07.04	0.131

```
DO2C DO2SAT FLDI  FLOW   LTT   LIGHT    WE HCH WCH WCO UNI CTT SHT
                                        03 000 000 000 000 000 000
                    .             .     03 000 000 000 000 000 000
                    .             .     03 000 000 000 000 000 000
                    .             .     03 000 000 000 000 000 000
                    .             .     03 000 000 000 000 000 000
                    .             .     03 000 000 000 000 000 000
                    .             .
8.28    92   000  014.30 100 00092.00 03
             000  015.44 010 00111.00 03
             000  015.64 010 00104.00 03
                    .    010 00103.00 03
8.33    92   000  014.87 100 00070.00 03
             000  014.49 010 00075.00 03
             000  014.49 010 00074.00 03
                    .    010 00073.00 03
9.95   101   000  042.79 100 00724.00 03 000 000 000 000 000 000
             000  042.05 010 00603.00 03 000 000 000 000 000 000
             000  039.67 010 00527.00 03 000 000 000 000 000 000
                    .    010 00563.00 03 000 000 000 000 000 000
                    .             .   03 000 000 000 000 000 000
                    .             .   03 000 000 000 000 000 000
                    .             .   03 000 000 000 000 000 000
                    .             .   03 000 000 000 000 000 000
                    .             .   03 000 000 000 000 000 000
                    .             .   03 000 000 000 000 000 000
9.32    96   000  030.87 100 00628.00 03
             000  029.03 010 00538.00 03
             000  029.59 010 00529.00 03
                    .    010 00530.00 03
8.81    94   000  012.38 100 00800.00 03
             000  011.24 010 00632.00 03
             000  010.47 010 00640.00 03
                    .    010 00578.00 03
8.42    93   315  009.71 100 00322.00 03
             315  009.51 010 00474.00 03
             315  009.32 010 00440.00 03
                    .    010 00427.00 03
9.47   105   270  005.11 100 00222.00 03
             270  004.35 010 00292.00 03
             270  004.35 010 00227.00 03
                    .    010 00224.00 03
8.43    94   300  004.35 100 00166.00 03
             300  003.77 010 00186.00 03
             300  003.58 010 00199.00 03
                    .    010 00184.00 03
             300  003.97 100 00064.00 03 000 000 000 001 000 000
             300  004.16 010 00090.00 03 000 000 000 000 000 000
             300  004.16 010 00096.00 03 000 000 000 000 000 000
                    .    010 00093.00 03 000 000 000 000 000 000
                    .             .   03 000 000 000 000 000 000
                    .             .   03 000 000 000 000 000 000
                    .             .   03 000 000 000 000 000 000
                    .             .   03 000 000 000 000 000 000
                    .             .   03 000 000 000 000 000 000
                    .             .   03 000 000 000 000 000 000
9.51    94   030  007.41 100 00179.00 05 002 000 000 000 000 000
```

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840626	01	0827	6	01.7	00.0	1	.	.	.	.	.
02	840626	01	0827	6	01.7	00.0	1	.	.	.	.	.
02	840626	01	0827	6	01.7	00.0	1	.	.	.	.	.
02	840626	01	0827	6	01.7	00.0	1	.	.	.	.	.
02	840626	01	0827	6	01.7	00.0	1	.	.	.	.	.
02	840626	01	0827	6	01.7	00.0	1	.	.	.	.	.
02	840626	01	0827	6	01.7	00.0	1	.	.	.	.	.
02	840626	01	0827	6	01.7	00.0	1	.	.	.	.	.
02	840626	01	0827	6	01.7	00.0	1	.	.	.	.	.
02	840626	01	0829	6	01.6	00.9	1	.	.	.	.	.
02	840626	01	0829	6	01.6	00.9	1	.	.	.	.	.
02	840626	01	0829	6	01.6	00.9	1	.	.	.	.	.
02	840626	01	0829	6	01.6	00.9	1	.	.	.	.	.
02	840626	01	0829	6	01.6	00.9	1	.	.	.	.	.
02	840626	01	0829	6	01.6	00.9	1	.	.	.	.	.
02	840626	01	0829	6	01.6	00.9	1	.	.	.	.	.
02	840626	01	0829	6	01.6	00.9	1	.	.	.	.	.
02	840626	01	0829	6	01.6	00.9	1	.	.	.	.	.
02	840626	01	0829	6	01.6	00.9	1	.	.	.	.	.
02	840626	01	0831	6	01.7	00.3	1	13.2	.049	02.5	07.00	0.120
02	840626	01	0831	6	01.7	00.3	1	.	.	.	.	.
02	840626	01	0831	6	01.7	00.3	1	.	.	.	.	.
02	840626	01	0831	6	01.7	00.3	1	.	.	.	.	.
02	840626	01	0836	6	01.7	00.6	1	13.5	.120	06.7	06.98	0.135
02	840626	01	0836	6	01.7	00.6	1	.	.	.	.	.
02	840626	01	0836	6	01.7	00.6	1	.	.	.	.	.
02	840626	01	0836	6	01.7	00.6	1	.	.	.	.	.
02	840626	01	0840	6	01.6	00.9	1	13.6	.081	04.3	06.82	0.140
02	840626	01	0840	6	01.6	00.9	1	.	.	.	.	.
02	840626	01	0840	6	01.6	00.9	1	.	.	.	.	.
02	840626	01	0840	6	01.6	00.9	1	.	.	.	.	.
02	840626	01	1630	3	03.7	00.0	1	13.9	.026	01.2	07.20	0.226
02	840626	01	1630	3	03.7	00.0	1	.	.	.	.	.
02	840626	01	1630	3	03.7	00.0	1	.	.	.	.	.
02	840626	01	1630	3	03.7	00.0	1	.	.	.	.	.
02	840626	01	1630	3	03.7	00.0	1	.	.	.	.	.
02	840626	01	1630	3	03.7	00.0	1	.	.	.	.	.
02	840626	01	1630	3	03.7	00.0	1	.	.	.	.	.
02	840626	01	1630	3	03.7	00.0	1	.	.	.	.	.
02	840626	01	1630	3	03.7	00.0	1	.	.	.	.	.
02	840626	01	1630	3	03.7	00.0	1	.	.	.	.	.
02	840626	01	1636	3	03.7	00.3	1	13.9	.028	01.3	07.17	0.216
02	840626	01	1636	3	03.7	00.3	1	.	.	.	.	.
02	840626	01	1636	3	03.7	00.3	1	.	.	.	.	.
02	840626	01	1636	3	03.7	00.3	1	.	.	.	.	.
02	840626	01	1642	3	03.8	00.6	1	13.4	.062	03.2	07.12	0.210
02	840626	01	1642	3	03.8	00.6	1	.	.	.	.	.
02	840626	01	1642	3	03.8	00.6	1	.	.	.	.	.
02	840626	01	1642	3	03.8	00.6	1	.	.	.	.	.
02	840626	01	1645	3	03.8	00.9	1	12.4	.193	11.2	07.60	0.207
02	840626	01	1645	3	03.8	00.9	1	.	.	.	.	.
02	840626	01	1645	3	03.8	00.9	1	.	.	.	.	.
02	840626	01	1645	3	03.8	00.9	1	.	.	.	.	.
02	840626	01	1648	4	03.8	01.2	2	11.6	.358	22.6	07.56	0.208
02	840626	01	1648	4	03.8	01.2	2	.	.	.	.	.

D02C	D02SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
		030	006.84	010	00160.00	05	000	000	000	000	000	000
		030	008.56	010	00174.00	05	000	000	000	000	000	000
		030	006.26	010	00173.00	05	000	000	000	000	000	000
			.		.	05	000	000	000	000	000	000
			.		.	05	001	000	000	000	000	000
			.		.	05	000	000	000	000	000	000
			.		.	05	005	000	000	000	000	000
			.		.	05	001	000	000	000	000	000
			.		.	05	006	000	000	000	000	000
			.		.	05	000	000	000	000	000	000
			.		.	05	000	000	000	000	000	000
			.		.	05	003	000	000	000	000	000
			.		.	05	030	000	000	000	000	000
			.		.	05	000	000	000	000	000	000
			.		.	05	000	000	000	000	000	000
			.		.	05	000	000	000	000	000	000
			.		.	05	000	000	000	000	000	000
			.		.	05	000	000	000	000	000	000
			.		.	05	000	000	000	000	000	000
9.73	97	030	007.98	100	00112.00	05						
		030	006.26	010	00100.00	05						
			000.00	010	00099.00	05						
			.	010	00101.00	05						
8.96	92	045	006.64	100	00094.00	05						
		045	006.07	010	00079.00	05						
		045	004.35	010	00085.00	05						
			.	010	00086.00	05						
8.73	89		000.00	100	00089.00	05						
			.	010	00092.00	05						
			.	010	00091.00	05						
			.	010	00090.00	05						
9.93	99		000.00	100	00807.00	06	000	000	000	000	000	000
			.	010	00789.00	06	008	000	000	000	000	000
			.	010	00806.00	06	000	000	000	000	000	000
			.	010	00801.00	06	000	002	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	012	010	000	000	000	000
			.		.	06	008	001	001	000	000	000
			.		.	06	002	003	000	000	000	000
			.		.	06	003	000	000	000	000	000
			.		.	06	028	007	000	000	000	000
10.28	103		000.00	100	00604.00	06						
			.	010	00561.00	06						
			.	010	00558.00	06						
			.	010	00559.00	06						
10.34	103		000.00	100	00513.00	06						
			.	010	00481.00	06						
			.	010	00489.00	06						
			.	010	00488.00	06						
10.08	103		.	100	00497.00	06						
			.	010	00502.00	06						
			.	010	00492.00	06						
			.	010	00497.00	06						
9.60	104		000.00	100	00433.00	06						
			.	010	00436.00	06						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840626	01	1648	4	03.8	01.2	2	.	.	.	.	.
02	840626	01	1648	4	03.8	01.2	2	.	.	.	.	.
02	840626	01	1651	4	03.8	01.5	2	11.1	.416	26.7	07.56	0.204
02	840626	01	1651	4	03.8	01.5	2	.	.	.	.	.
02	840626	01	1651	4	03.8	01.5	2	.	.	.	.	.
02	840626	01	1651	4	03.8	01.5	2	.	.	.	.	.
02	840626	02	0937	6	00.9	00.0	1	12.5	.014	00.7	07.07	0.118
02	840626	02	0937	6	00.9	00.0	1	.	.	.	.	.
02	840626	02	0937	6	00.9	00.0	1	.	.	.	.	.
02	840626	02	0937	6	00.9	00.0	1	.	.	.	.	.
02	840626	02	0937	6	00.9	00.0	1	.	.	.	.	.
02	840626	02	0937	6	00.9	00.0	1	.	.	.	.	.
02	840626	02	0937	6	00.9	00.0	1	.	.	.	.	.
02	840626	02	0937	6	00.9	00.0	1	.	.	.	.	.
02	840626	02	0937	6	00.9	00.0	1	.	.	.	.	.
02	840626	02	0937	6	00.9	00.0	1	.	.	.	.	.
02	840626	02	0942	6	00.8	00.3	1	12.5	.013	00.6	07.09	0.104
02	840626	02	0942	6	00.8	00.3	1	.	.	.	.	.
02	840626	02	0942	6	00.8	00.3	1	.	.	.	.	.
02	840626	02	0942	6	00.8	00.3	1	.	.	.	.	.
02	840626	02	0947	1	00.8	00.6	1	12.5	.013	00.6	07.08	0.102
02	840626	02	0947	1	00.8	00.6	1	.	.	.	.	.
02	840626	02	0947	1	00.8	00.6	1	.	.	.	.	.
02	840626	02	0947	1	00.8	00.6	1	.	.	.	.	.
02	840626	02	0952	1	00.9	00.9	1	12.5	.012	00.5	07.14	0.103
02	840626	02	0952	1	00.9	00.9	1	.	.	.	.	.
02	840626	02	0952	1	00.9	00.9	1	.	.	.	.	.
02	840626	02	0952	1	00.9	00.9	1	.	.	.	.	.
02	840626	02	1543	3	03.4	00.0	1	12.5	.014	00.6	07.20	0.172
02	840626	02	1543	3	03.4	00.0	1	.	.	.	.	.
02	840626	02	1543	3	03.4	00.0	1	.	.	.	.	.
02	840626	02	1543	3	03.4	00.0	1	.	.	.	.	.
02	840626	02	1543	3	03.4	00.0	1	.	.	.	.	.
02	840626	02	1543	3	03.4	00.0	1	.	.	.	.	.
02	840626	02	1543	3	03.4	00.0	1	.	.	.	.	.
02	840626	02	1543	3	03.4	00.0	1	.	.	.	.	.
02	840626	02	1543	3	03.4	00.0	1	.	.	.	.	.
02	840626	02	1543	3	03.4	00.0	1	.	.	.	.	.
02	840626	02	1546	3	03.4	00.3	1	12.5	.024	01.1	07.22	0.178
02	840626	02	1546	3	03.4	00.3	1	.	.	.	.	.
02	840626	02	1546	3	03.4	00.3	1	.	.	.	.	.
02	840626	02	1546	3	03.4	00.3	1	.	.	.	.	.
02	840626	02	1549	3	03.4	00.6	1	12.2	.126	07.0	07.49	0.183
02	840626	02	1549	3	03.4	00.6	1	.	.	.	.	.
02	840626	02	1549	3	03.4	00.6	1	.	.	.	.	.
02	840626	02	1549	3	03.4	00.6	1	.	.	.	.	.
02	840626	02	1552	3	03.4	00.9	1	11.6	.270	16.4	07.59	0.183
02	840626	02	1552	3	03.4	00.9	1	.	.	.	.	.
02	840626	02	1552	3	03.4	00.9	1	.	.	.	.	.
02	840626	02	1552	3	03.4	00.9	1	.	.	.	.	.
02	840626	02	1555	3	03.5	01.2	2	10.8	.425	27.3	07.50	0.184
02	840626	02	1555	3	03.5	01.2	2	.	.	.	.	.
02	840626	02	1555	3	03.5	01.2	2	.	.	.	.	.
02	840626	02	1555	3	03.5	01.2	2	.	.	.	.	.
02	840626	02	1557	3	03.5	01.5	2	10.7	.435	28.0	07.50	0.179

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
			.	010	00406.00	06						
			.	010	00424.00	06						
8.11	89		000.00	100	00246.00	06						
			.	010	00325.00	06						
			.	010	00298.00	06						
			.	010	00282.00	06						
10.52	102	180	055.07	100	00264.00	05	000	000	000	000	000	000
		180	053.24	010	00268.00	05	000	000	000	000	000	000
		180	052.50	010	00277.00	05	000	000	000	000	000	000
			.	010	00264.00	05	000	000	000	000	000	000
			.		.	05	000	001	000	000	000	000
			.		.	05	000	000	011	000	000	000
			.		.	05	000	000	000	000	000	000
			.		.	05	000	000	175	000	000	000
			.		.	05	000	000	000	000	001	000
			.		.	05	000	000	175	000	000	000
10.77	104	180	047.19	100	00236.00	05						
		180	042.42	010	00220.00	05						
		180	045.90	010	00203.00	05						
			.	010	00211.00	05						
10.63	103	180	041.87	100	00271.00	05						
		180	039.86	010	00221.00	05						
		180	041.32	010	00228.00	05						
			.	010	00255.00	05						
10.50	101	180	036.56	100	00186.00	05						
		180	036.01	010	00206.00	05						
		180	039.49	010	00218.00	05						
			.	010	00222.00	05						
10.66	103	180	038.21	100	00528.00	06	000	000	000	000	000	000
		180	032.34	010	00552.00	06	000	000	000	000	000	000
		180	035.27	010	00562.00	06	002	000	000	000	000	000
			.	010	00544.00	06	006	000	000	000	000	000
			.		.	06	008	001	000	000	000	000
			.		.	06	000	025	000	000	000	000
			.		.	06	000	003	000	000	000	000
			.		.	06	000	001	000	000	000	000
			.		.	06	002	020	000	000	000	000
			.		.	06	000	004	000	000	000	000
10.32	100	180	016.40	100	00320.00	06						
		180	015.83	010	00344.00	06						
		180	020.99	010	00334.00	06						
			.	010	00329.00	06						
9.71	97	180	013.91	100	00255.00	06						
		180	018.31	010	00252.00	06						
		180	023.10	010	00251.00	06						
			.	010	00253.00	06						
8.59	90	000	004.16	100	00253.00	06						
		000	007.22	010	00213.00	06						
		000	006.84	010	00229.00	06						
			.	010	00234.00	06						
7.60	84	000	009.51	100	00495.00	06						
		000	009.51	010	00254.00	06						
		000	009.32	010	00257.00	06						
			.	010	00259.00	06						
7.70	85	000	009.70	100	00617.00	06						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840626	02	1557	3	03.5	01.5	2	.	.	.	.	.
02	840626	02	1557	3	03.5	01.5	2	.	.	.	.	.
02	840626	02	1557	3	03.5	01.5	2	.	.	.	.	.
02	840626	02	1600	3	03.5	01.8	2	10.6	.443	28.6	07.50	0.175
02	840626	02	1600	3	03.5	01.8	2	.	.	.	.	.
02	840626	02	1600	3	03.5	01.8	2	.	.	.	.	.
02	840626	02	1600	3	03.5	01.8	2	.	.	.	.	.
02	840626	02	1602	3	03.5	02.1	3	10.5	.446	28.8	07.49	0.170
02	840626	02	1602	3	03.5	02.1	3	.	.	.	.	.
02	840626	02	1602	3	03.5	02.1	3	.	.	.	.	.
02	840626	02	1602	3	03.5	02.1	3	.	.	.	.	.
02	840626	02	1605	3	03.5	02.4	3	10.5	.446	28.8	07.48	0.166
02	840626	02	1605	3	03.5	02.4	3	.	.	.	.	.
02	840626	02	1605	3	03.5	02.4	3	.	.	.	.	.
02	840626	02	1605	3	03.5	02.4	3	.	.	.	.	.
02	840626	02	1608	3	03.6	02.7	3	10.5	.446	28.8	07.48	0.162
02	840626	02	1608	3	03.6	02.7	3	.	.	.	.	.
02	840626	02	1608	3	03.6	02.7	3	.	.	.	.	.
02	840626	02	1608	3	03.6	02.7	3	.	.	.	.	.
02	840626	03	0940	6	00.9	01.2	2	.	.	.	.	.
02	840626	03	0940	6	00.9	01.2	2	.	.	.	.	.
02	840626	03	0940	6	00.9	01.2	2	.	.	.	.	.
02	840626	03	0940	6	00.9	01.2	2	.	.	.	.	.
02	840626	03	0940	6	00.9	01.2	2	.	.	.	.	.
02	840626	03	0940	6	00.9	01.2	2	.	.	.	.	.
02	840626	03	0940	6	00.9	01.2	2	.	.	.	.	.
02	840626	03	0940	6	00.9	01.2	2	.	.	.	.	.
02	840626	03	0940	6	00.9	01.2	2	.	.	.	.	.
02	840626	03	0940	6	00.9	01.2	2	.	.	.	.	.
02	840626	03	1012	1	01.0	00.0	1	12.5	.002	00.1	07.27	0.153
02	840626	03	1012	1	01.0	00.0	1	.	.	.	.	.
02	840626	03	1012	1	01.0	00.0	1	.	.	.	.	.
02	840626	03	1012	1	01.0	00.0	1	.	.	.	.	.
02	840626	03	1012	1	01.0	00.0	1	.	.	.	.	.
02	840626	03	1012	1	01.0	00.0	1	.	.	.	.	.
02	840626	03	1012	1	01.0	00.0	1	.	.	.	.	.
02	840626	03	1012	1	01.0	00.0	1	.	.	.	.	.
02	840626	03	1012	1	01.0	00.0	1	.	.	.	.	.
02	840626	03	1012	1	01.0	00.0	1	.	.	.	.	.
02	840626	03	1016	1	01.0	00.3	1	12.5	.002	00.1	07.32	0.145
02	840626	03	1016	1	01.0	00.3	1	.	.	.	.	.
02	840626	03	1016	1	01.0	00.3	1	.	.	.	.	.
02	840626	03	1016	1	01.0	00.3	1	.	.	.	.	.
02	840626	03	1020	1	01.0	00.6	1	12.5	.002	00.1	07.33	0.143
02	840626	03	1020	1	01.0	00.6	1	.	.	.	.	.
02	840626	03	1020	1	01.0	00.6	1	.	.	.	.	.
02	840626	03	1020	1	01.0	00.6	1	.	.	.	.	.
02	840626	03	1023	1	01.0	00.9	1	12.5	.002	00.1	07.37	0.143
02	840626	03	1023	1	01.0	00.9	1	.	.	.	.	.
02	840626	03	1023	1	01.0	00.9	1	.	.	.	.	.
02	840626	03	1023	1	01.0	00.9	1	.	.	.	.	.
02	840626	03	1026	1	01.1	01.2	2	12.6	.002	00.1	07.36	0.142
02	840626	03	1026	1	01.1	01.2	2	.	.	.	.	.
02	840626	03	1026	1	01.1	01.2	2	.	.	.	.	.
02	840626	03	1026	1	01.1	01.2	2	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
		000	010.85	010	00446.00	06						
		000	012.19	010	00549.00	06						
			.	010	00546.00	06						
7.77	86	000	013.34	100	00523.00	06						
		000	010.66	010	00464.00	06						
		000	012.57	010	00609.00	06						
			.	010	00615.00	06						
7.68	85	000	015.44	100	00170.00	06						
		000	012.77	010	00417.00	06						
		000	013.53	010	00412.00	06						
		000	013.72	010	00369.00	06						
7.75	85	000	011.04	100	00189.00	06						
		000	009.51	010	00131.00	06						
		000	010.28	010	00133.00	06						
			.	010	00180.00	06						
7.65	84	000	009.70	100	00309.00	06						
		000	007.60	010	00293.00	06						
		000	009.51	010	00302.00	06						
			.	010	00316.00	06						
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	030	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	050	000	000	000
10.81	104	180	055.43	100	00929.00	03	000	000	000	000	000	000
		180	054.88	010	00905.00	03	000	000	000	000	000	000
		180	055.98	010	00879.00	03	000	000	000	000	000	000
			.	010	00899.00	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
			.		.	03	000	000	000	000	000	000
10.79	104	180	052.69	100	00683.00	03						
		180	051.95	010	00749.00	03						
		180	052.87	010	00740.00	03						
			.	010	00725.00	03						
10.88	105	180	042.60	100	00662.00	03						
		180	053.60	010	00661.00	03						
		180	052.69	010	00630.00	03						
			.	010	00628.00	03						
10.71	103	180	053.42	100	00677.00	03						
		180	052.50	010	00608.00	03						
		180	053.97	010	00639.00	03						
			.	010	00584.00	03						
10.75	104	180	053.42	100	00641.00	03						
		180	052.69	010	00692.00	03						
		180	051.40	010	00561.00	03						
			.	010	00584.00	03						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840626	03	1029	1	01.1	01.5	2	12.6	.002	00.1	07.40	0.144
02	840626	03	1029	1	01.1	01.5	2	.	.	.	.	.
02	840626	03	1029	1	01.1	01.5	2	.	.	.	.	.
02	840626	03	1029	1	01.1	01.5	2	.	.	.	.	.
02	840626	03	1032	1	01.1	01.8	2	12.6	.002	00.1	07.41	0.144
02	840626	03	1032	1	01.1	01.8	2	.	.	.	.	.
02	840626	03	1032	1	01.1	01.8	2	.	.	.	.	.
02	840626	03	1032	1	01.1	01.8	2	.	.	.	.	.
02	840626	03	1036	1	01.1	02.1	3	12.6	.002	00.1	07.44	0.146
02	840626	03	1036	1	01.1	02.1	3	.	.	.	.	.
02	840626	03	1036	1	01.1	02.1	3	.	.	.	.	.
02	840626	03	1036	1	01.1	02.1	3	.	.	.	.	.
02	840626	03	1240	2	02.1	00.0	1	12.5	.001	00.0	07.28	0.225
02	840626	03	1240	2	02.1	00.0	1	.	.	.	.	.
02	840626	03	1240	2	02.1	00.0	1	.	.	.	.	.
02	840626	03	1240	2	02.1	00.0	1	.	.	.	.	.
02	840626	03	1240	2	02.1	00.0	1	.	.	.	.	.
02	840626	03	1245	2	02.1	00.3	1	12.5	.001	00.0	07.32	0.220
02	840626	03	1245	2	02.1	00.3	1	.	.	.	.	.
02	840626	03	1245	2	02.1	00.3	1	.	.	.	.	.
02	840626	03	1245	2	02.1	00.3	1	.	.	.	.	.
02	840626	03	1252	2	02.1	00.6	1	12.5	.000	00.0	07.30	0.220
02	840626	03	1252	2	02.1	00.6	1	.	.	.	.	.
02	840626	03	1252	2	02.1	00.6	1	.	.	.	.	.
02	840626	03	1252	2	02.1	00.6	1	.	.	.	.	.
02	840626	03	1255	2	02.2	00.9	1	12.5	.000	00.0	07.28	0.218
02	840626	03	1255	2	02.2	00.9	1	.	.	.	.	.
02	840626	03	1255	2	02.2	00.9	1	.	.	.	.	.
02	840626	03	1255	2	02.2	00.9	1	.	.	.	.	.
02	840626	03	1258	2	02.2	01.2	2	12.5	.007	00.3	07.22	0.228
02	840626	03	1258	2	02.2	01.2	2	.	.	.	.	.
02	840626	03	1258	2	02.2	01.2	2	.	.	.	.	.
02	840626	03	1258	2	02.2	01.2	2	.	.	.	.	.
02	840626	03	1301	2	02.2	01.5	2	12.3	.082	04.3	07.39	0.222
02	840626	03	1301	2	02.2	01.5	2	.	.	.	.	.
02	840626	03	1301	2	02.2	01.5	2	.	.	.	.	.
02	840626	03	1301	2	02.2	01.5	2	.	.	.	.	.
02	840626	03	1305	2	02.2	01.8	2	11.0	.406	25.9	07.50	0.218
02	840626	03	1305	2	02.2	01.8	2	.	.	.	.	.
02	840626	03	1305	2	02.2	01.8	2	.	.	.	.	.
02	840626	03	1305	2	02.2	01.8	2	.	.	.	.	.
02	840626	03	1308	2	02.3	02.1	3	10.9	.410	26.2	07.51	0.206
02	840626	03	1308	2	02.3	02.1	3	.	.	.	.	.
02	840626	03	1308	2	02.3	02.1	3	.	.	.	.	.
02	840626	03	1308	2	02.3	02.1	3	.	.	.	.	.
02	840626	03	1311	2	02.3	02.4	3	10.9	.411	26.3	07.50	0.191
02	840626	03	1311	2	02.3	02.4	3	.	.	.	.	.
02	840626	03	1311	2	02.3	02.4	3	.	.	.	.	.
02	840626	03	1311	2	02.3	02.4	3	.	.	.	.	.
02	840626	03	1314	2	02.3	02.7	3	10.4	.413	26.5	07.49	0.185
02	840626	03	1314	2	02.3	02.7	3	.	.	.	.	.
02	840626	03	1314	2	02.3	02.7	3	.	.	.	.	.
02	840626	03	1314	2	02.3	02.7	3	.	.	.	.	.
02	840626	03	1322	2	02.3	00.0	1	12.5	.002	00.1	07.40	0.166
02	840626	03	1322	2	02.3	00.0	1	.	.	.	.	.

```
 DO2C DO2SAT FLDI   FLOW  LTT   LIGHT   WE HCH WCH WCO UNI CTT SHT

10.72   104   180  049.39 100 00444.00 03
              180  043.15 010 00484.00 03
              180  047.92 010 00572.00 03
                        . 010 00405.00 03
10.75   104   180  032.89 100 00302.00 03
              180  038.02 010 00358.00 03
              180  037.66 010 00331.00 03
                        . 010 00315.00 03
10.61   103   180  039.12 100 00334.00 03
              180  036.92 010 00223.00 03
              180  034.17 010 00211.00 03
                        . 010 00227.00 03
10.30    99   180  009.32 100 00798.00 03
              180  019.08 010 00852.00 03
              180  014.49 010 00839.00 03
              180  015.64 010 00826.00 03
              180  017.36            . 03
10.48   101   180  020.23 100 00561.00 03
              180  021.38 010 00574.00 03
              180  021.18 010 00591.00 03
                        . 010 00580.00 03
10.49   101   180  025.01 100 00381.00 03
              180  023.86 010 00423.00 03
              180  026.73 010 00415.00 03
                        . 010 00400.00 03
10.55   102   180  027.11 100 00324.00 03
              180  028.65 010 00314.00 03
              180  027.69 010 00332.00 03
                        . 010 00327.00 03
10.44   101   180  025.01 100 00296.00 03
              180  023.48 010 00230.00 03
              180  023.67 010 00239.00 03
                        . 010 00250.00 03
 9.80    96   045  005.30 100 00473.00 03
                   000.00 010 00327.00 03
                   000.00 010 00358.00 03
                        . 010 00385.00 03
 7.80    85   000  028.07 100 00656.00 03
              000  025.01 010 00537.00 03
              000  021.18 010 00507.00 03
                        . 010 00515.00 03
 7.93    87   000  015.44 100 00319.00 03
              000  011.62 010 00593.00 03
              000  010.85 010 00470.00 03
                        . 010 00442.00 03
 7.84    86   000  008.56 100 00192.00 03
              000  007.22 010 00219.00 03
              000  009.13 010 00212.00 03
                        . 010 00207.00 03
 8.00    87   000  007.60 100 00331.00 03
              000  007.79 010 00246.00 03
              000  006.07 010 00251.00 03
                        . 010 00253.00 03
10.56   102   180  034.54 100 00966.00 03
              180  035.09 010 01281.00 03
```

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840626	03	1322	2	02.3	00.0	1	.	.	.	.	.
02	840626	03	1322	2	02.3	00.0	1	.	.	.	.	.
02	840626	03	1325	2	02.4	00.3	1	12.5	.001	00.0	07.39	0.173
02	840626	03	1325	2	02.4	00.3	1	.	.	.	.	.
02	840626	03	1325	2	02.4	00.3	1	.	.	.	.	.
02	840626	03	1325	2	02.4	00.3	1	.	.	.	.	.
02	840626	03	1329	2	02.4	00.6	1	12.5	.002	00.1	07.36	0.181
02	840626	03	1329	2	02.4	00.6	1	.	.	.	.	.
02	840626	03	1329	2	02.4	00.6	1	.	.	.	.	.
02	840626	03	1329	2	02.4	00.6	1	.	.	.	.	.
02	840626	03	1331	2	02.4	00.9	1	12.4	.038	01.8	07.34	0.194
02	840626	03	1331	2	02.4	00.9	1	.	.	.	.	.
02	840626	03	1331	2	02.4	00.9	1	.	.	.	.	.
02	840626	03	1331	2	02.4	00.9	1	.	.	.	.	.
02	840626	03	1333	2	02.4	01.2	2	11.8	.213	12.6	07.55	0.196
02	840626	03	1333	2	02.4	01.2	2	.	.	.	.	.
02	840626	03	1333	2	02.4	01.2	2	.	.	.	.	.
02	840626	03	1333	2	02.4	01.2	2	.	.	.	.	.
02	840626	03	1336	2	02.5	01.5	2	11.0	.409	26.2	07.51	0.191
02	840626	03	1336	2	02.5	01.5	2	.	.	.	.	.
02	840626	03	1336	2	02.5	01.5	2	.	.	.	.	.
02	840626	03	1336	2	02.5	01.5	2	.	.	.	.	.
02	840626	03	1339	2	02.5	01.8	2	10.9	.423	27.2	07.51	0.174
02	840626	03	1339	2	02.5	01.8	2	.	.	.	.	.
02	840626	03	1339	2	02.5	01.8	2	.	.	.	.	.
02	840626	03	1339	2	02.5	01.8	2	.	.	.	.	.
02	840626	03	1343	2	02.5	02.1	3	10.8	.426	27.4	07.51	0.169
02	840626	03	1343	2	02.5	02.1	3	.	.	.	.	.
02	840626	03	1343	2	02.5	02.1	3	.	.	.	.	.
02	840626	03	1343	2	02.5	02.1	3	.	.	.	.	.
02	840626	03	1347	2	02.5	02.4	3	10.8	.427	27.4	07.50	0.167
02	840626	03	1347	2	02.5	02.4	3	.	.	.	.	.
02	840626	03	1347	2	02.5	02.4	3	.	.	.	.	.
02	840626	03	1347	2	02.5	02.4	3	.	.	.	.	.
02	840626	03	1351	2	02.6	02.7	3	10.8	.431	27.7	07.50	0.164
02	840626	03	1351	2	02.6	02.7	3	.	.	.	.	.
02	840626	03	1351	2	02.6	02.7	3	.	.	.	.	.
02	840626	03	1351	2	02.6	02.7	3	.	.	.	.	.
02	840626	03	1355	2	02.6	00.0	1	12.5	.002	00.1	07.36	0.165
02	840626	03	1355	2	02.6	00.0	1	.	.	.	.	.
02	840626	03	1355	2	02.6	00.0	1	.	.	.	.	.
02	840626	03	1355	2	02.6	00.0	1	.	.	.	.	.
02	840626	03	1357	2	02.6	00.3	1	12.5	.002	00.1	07.37	0.173
02	840626	03	1357	2	02.6	00.3	1	.	.	.	.	.
02	840626	03	1357	2	02.6	00.3	1	.	.	.	.	.
02	840626	03	1357	2	02.6	00.3	1	.	.	.	.	.
02	840626	03	1400	2	02.7	00.6	1	12.4	.046	02.2	07.37	0.189
02	840626	03	1400	2	02.7	00.6	1	.	.	.	.	.
02	840626	03	1400	2	02.7	00.6	1	.	.	.	.	.
02	840626	03	1400	2	02.7	00.6	1	.	.	.	.	.
02	840626	03	1402	2	02.7	00.9	1	12.2	.093	05.0	07.47	0.191
02	840626	03	1402	2	02.7	00.9	1	.	.	.	.	.
02	840626	03	1402	2	02.7	00.9	1	.	.	.	.	.
02	840626	03	1402	2	02.7	00.9	1	.	.	.	.	.
02	840626	03	1405	2	02.7	01.2	2	11.7	.222	13.2	07.55	0.191

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
		180	032.52	010	01164.00	03						
		180	031.79	010	00991.00	03						
10.38	100	180	029.96	100	01525.00	03						
		180	030.51	010	01347.00	03						
		180	028.26	010	01154.00	03						
			.	010	01612.00	03						
10.38	100	180	025.01	100	00798.00	03						
		180	026.16	010	00761.00	03						
		180	025.97	010	00733.00	03						
			.	010	00737.00	03						
10.12	98	180	020.61	100	01148.00	03						
		180	018.70	010	00652.00	03						
		180	017.36	010	00636.00	03						
			.	010	00664.00	03						
8.97	92		000.00	100	00880.00	03						
		270	005.30	010	00686.00	03						
		000	005.11	010	00715.00	03						
			.	010	00728.00	03						
7.68	84	000	008.94	100	00311.00	03						
		000	011.43	010	00360.00	03						
		000	011.81	010	00379.00	03						
			.	010	00355.00	03						
7.64	84	000	005.69	100	00343.00	03						
		000	006.26	010	00328.00	03						
		000	007.22	010	00335.00	03						
		000	006.26	010	00356.00	03						
7.68	85	000	012.38	100	00254.00	03						
		000	011.04	010	00232.00	03						
		000	011.81	010	00241.00	03						
			.	010	00249.00	03						
7.84	86	000	015.64	100	00147.00	03						
		000	017.17	010	00198.00	03						
		000	016.21	010	00196.00	03						
			.	010	00194.00	03						
7.89	87	000	013.91	100	00115.00	03						
		000	011.62	010	00107.00	03						
		000	012.96	010	00108.00	03						
			.	010	00109.00	03						
10.61	102	180	029.96	100	00590.00	05						
		180	032.16	010	00515.00	05						
		180	034.54	010	00535.00	05						
			.	010	00521.00	05						
10.54	102	180	036.01	100	00560.00	05						
		180	033.26	010	00579.00	05						
		180	032.89	010	00513.00	05						
			.	010	00522.00	05						
10.41	101	180	030.14	100	00467.00	05						
		180	026.92	010	00498.00	05						
		180	027.88	010	00472.00	05						
			.	010	00466.00	05						
10.08	99	180	011.04	100	00416.00	05						
		180	013.72	010	00390.00	05						
		180	012.19	010	00404.00	05						
		180	011.24	010	00408.00	05						
9.11	94	180	006.26	100	00334.00	05						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840626	03	1405	2	02.7	01.2	2	.	.	.	.	.
02	840626	03	1405	2	02.7	01.2	2	.	.	.	.	.
02	840626	03	1405	2	02.7	01.2	2	.	.	.	.	.
02	840626	03	1408	2	02.7	01.5	2	11.2	.374	23.7	07.53	0.180
02	840626	03	1408	2	02.7	01.5	2	.	.	.	.	.
02	840626	03	1408	2	02.7	01.5	2	.	.	.	.	.
02	840626	03	1408	2	02.7	01.5	2	.	.	.	.	.
02	840626	03	1412	2	02.7	01.8	2	10.9	.422	27.1	07.52	0.172
02	840626	03	1412	2	02.7	01.8	2	.	.	.	.	.
02	840626	03	1412	2	02.7	01.8	2	.	.	.	.	.
02	840626	03	1412	2	02.7	01.8	2	.	.	.	.	.
02	840626	03	1414	2	02.7	02.1	3	10.8	.426	27.4	07.52	0.168
02	840626	03	1414	2	02.7	02.1	3	.	.	.	.	.
02	840626	03	1414	2	02.7	02.1	3	.	.	.	.	.
02	840626	03	1414	2	02.7	02.1	3	.	.	.	.	.
02	840626	03	1416	2	02.7	02.4	3	10.8	.435	28.0	07.51	0.165
02	840626	03	1416	2	02.7	02.4	3	.	.	.	.	.
02	840626	03	1416	2	02.7	02.4	3	.	.	.	.	.
02	840626	03	1416	2	02.7	02.4	3	.	.	.	.	.
02	840626	03	1419	2	02.8	02.7	3	10.8	.436	28.1	07.51	0.163
02	840626	03	1419	2	02.8	02.7	3	.	.	.	.	.
02	840626	03	1419	2	02.8	02.7	3	.	.	.	.	.
02	840626	03	1419	2	02.8	02.7	3	.	.	.	.	.
02	840626	03	1422	2	02.8	03.0	3	10.7	.436	28.1	07.51	0.161
02	840626	03	1422	2	02.8	03.0	3	.	.	.	.	.
02	840626	03	1422	2	02.8	03.0	3	.	.	.	.	.
02	840626	03	1422	2	02.8	03.0	3	.	.	.	.	.
02	840626	03	1424	2	02.8	03.4	3	10.8	.436	28.1	07.50	0.157
02	840626	03	1424	2	02.8	03.4	3	.	.	.	.	.
02	840626	03	1424	2	02.8	03.4	3	.	.	.	.	.
02	840626	03	1424	2	02.8	03.4	3	.	.	.	.	.
02	840626	03	1500	3	03.1	00.0	1	12.5	.002	00.1	07.28	0.255
02	840626	03	1500	3	03.1	00.0	1	.	.	.	.	.
02	840626	03	1500	3	03.1	00.0	1	.	.	.	.	.
02	840626	03	1500	3	03.1	00.0	1	.	.	.	.	.
02	840626	03	1500	3	03.1	00.0	1	.	.	.	.	.
02	840626	03	1500	3	03.1	00.0	1	.	.	.	.	.
02	840626	03	1500	3	03.1	00.0	1	.	.	.	.	.
02	840626	03	1500	3	03.1	00.0	1	.	.	.	.	.
02	840626	03	1500	3	03.1	00.0	1	.	.	.	.	.
02	840626	03	1500	3	03.1	00.0	1	.	.	.	.	.
02	840626	03	1504	3	03.1	00.3	1	12.5	.005	00.2	07.28	0.230
02	840626	03	1504	3	03.1	00.3	1	.	.	.	.	.
02	840626	03	1504	3	03.1	00.3	1	.	.	.	.	.
02	840626	03	1504	3	03.1	00.3	1	.	.	.	.	.
02	840626	03	1508	3	03.1	00.6	1	12.2	.095	05.1	07.49	0.236
02	840626	03	1508	3	03.1	00.6	1	.	.	.	.	.
02	840626	03	1508	3	03.1	00.6	1	.	.	.	.	.
02	840626	03	1508	3	03.1	00.6	1	.	.	.	.	.
02	840626	03	1511	3	03.1	00.9	1	11.8	.213	12.6	07.60	0.222
02	840626	03	1511	3	03.1	00.9	1	.	.	.	.	.
02	840626	03	1511	3	03.1	00.9	1	.	.	.	.	.
02	840626	03	1511	3	03.1	00.9	1	.	.	.	.	.
02	840626	03	1515	3	03.2	01.2	2	11.0	.414	26.5	07.54	0.217
02	840626	03	1515	3	03.2	01.2	2	.	.	.	.	.

```
 DO2C DO2SAT FLDI  FLOW  LTT   LIGHT  WE HCH WCH WCO UNI CTT SHT

             180  005.69 010 00370.00 05
             180  008.75 010 00359.00 05
                     .   010 00349.00 05
 8.33   90        000.00 100 00342.00 05
                  000.00 010 00304.00 05
                     .   010 00305.00 05
                     .   010 00305.00 05
 8.07   89   000  010.85 100 00327.00 05
             000  012.38 010 00331.00 05
             000  014.30 010 00333.00 05
                     .   010 00338.00 05
 8.13   90   000  009.51 100 00279.00 05
             000  010.66 010 00290.00 05
             000  011.24 010 00286.00 05
                     .   010 00283.00 05
 7.99   88   000  012.38 100 00487.00 05
             000  011.43 010 00270.00 05
             000  010.66 010 00269.00 05
                     .   010 00280.00 05
 8.03   89   000  011.62 100 00270.00 05
             000  010.85 010 00408.00 05
             000  013.34 010 00391.00 05
                     .   010 00534.00 05
 8.05   89   000  013.91 100 00620.00 05
             000  014.30 010 00544.00 05
             000  014.30 010 00456.00 05
                     .   010 00458.00 05
 8.20   91   000  010.09 100 00400.00 05
             000  007.41 010 00413.00 05
             000  007.41 010 00449.00 05
                     .   010 00425.00 05
10.30   99   180  033.62 100 02330.00 06 000 000 000 000 000 000
             180  033.99 010 02340.00 06 000 000 000 000 000 000
             180  034.54 010 02180.00 06 000 000 000 000 000 000
                     .            .   06 000 000 000 000 000 000
                     .            .   06 000 000 000 000 000 000
                     .            .   06 000 000 000 000 000 000
                     .            .   06 002 000 000 000 000 000
                     .            .   06 003 000 000 000 000 000
                     .            .   06 000 000 000 000 000 000
                     .            .   06 003 000 000 000 000 000
10.30   99   180  035.09 100 01966.00 06
             180  035.27 010 01888.00 06
             180  034.54 010 01874.00 06
                     .   010 01994.00 06
 9.76   96   180  034.91 100 00936.00 06
             180  036.01 010 01123.00 06
             180  035.64 010 01118.00 06
                     .   010 01176.00 06
 9.19   94   000  006.45 100 00611.00 06
             000  004.54 010 00595.00 06
             000  005.30 010 00756.00 06
                     .   010 00676.00 06
 7.73   85   000  011.81 100 00531.00 06
             000  011.62 010 00502.00 06
```

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840626	03	1515	3	03.2	01.2	2	.	.	.	.	.
02	840626	03	1515	3	03.2	01.2	2	.	.	.	.	.
02	840626	03	1517	3	03.2	01.5	2	10.9	.429	27.6	07.54	0.201
02	840626	03	1517	3	03.2	01.5	2	.	.	.	.	.
02	840626	03	1517	3	03.2	01.5	2	.	.	.	.	.
02	840626	03	1517	3	03.2	01.5	2	.	.	.	.	.
02	840626	03	1520	3	03.2	01.8	2	10.8	.438	28.3	07.52	0.190
02	840626	03	1520	3	03.2	01.8	2	.	.	.	.	.
02	840626	03	1520	3	03.2	01.8	2	.	.	.	.	.
02	840626	03	1520	3	03.2	01.8	2	.	.	.	.	.
02	840626	03	1523	3	03.3	02.1	3	10.7	.443	28.6	07.51	0.185
02	840626	03	1523	3	03.3	02.1	3	.	.	.	.	.
02	840626	03	1523	3	03.3	02.1	3	.	.	.	.	.
02	840626	03	1523	3	03.3	02.1	3	.	.	.	.	.
02	840626	03	1526	3	03.3	02.4	3	10.6	.447	28.9	07.49	0.180
02	840626	03	1526	3	03.3	02.4	3	.	.	.	.	.
02	840626	03	1526	3	03.3	02.4	3	.	.	.	.	.
02	840626	03	1526	3	03.3	02.4	3	.	.	.	.	.
02	840626	03	1529	3	03.3	02.7	3	10.6	.448	29.0	07.49	0.177
02	840626	03	1529	3	03.3	02.7	3	.	.	.	.	.
02	840626	03	1529	3	03.3	02.7	3	.	.	.	.	.
02	840626	03	1529	3	03.3	02.7	3	.	.	.	.	.
02	840626	03	1532	3	03.3	03.0	3	10.5	.448	29.0	07.45	0.171
02	840626	03	1532	3	03.3	03.0	3	.	.	.	.	.
02	840626	03	1532	3	03.3	03.0	3	.	.	.	.	.
02	840626	03	1532	3	03.3	03.0	3	.	.	.	.	.
02	840626	03	1535	3	03.3	03.4	3	10.5	.448	29.0	07.45	0.170
02	840626	03	1535	3	03.3	03.4	3	.	.	.	.	.
02	840626	03	1535	3	03.3	03.4	3	.	.	.	.	.
02	840626	03	1535	3	03.3	03.4	3	.	.	.	.	.
02	840626	04	0900	6	01.3	00.0	1	12.5	.004	00.2	07.25	0.167
02	840626	04	0900	6	01.3	00.0	1	.	.	.	.	.
02	840626	04	0900	6	01.3	00.0	1	.	.	.	.	.
02	840626	04	0900	6	01.3	00.0	1	.	.	.	.	.
02	840626	04	0900	6	01.3	00.0	1	.	.	.	.	.
02	840626	04	0900	6	01.3	00.0	1	.	.	.	.	.
02	840626	04	0900	6	01.3	00.0	1	.	.	.	.	.
02	840626	04	0900	6	01.3	00.0	1	.	.	.	.	.
02	840626	04	0900	6	01.3	00.0	1	.	.	.	.	.
02	840626	04	0900	6	01.3	00.0	1	.	.	.	.	.
02	840626	04	1700	4	03.8	00.0	1	12.2	.034	01.6	07.39	0.245
02	840626	04	1700	4	03.8	00.0	1	.	.	.	.	.
02	840626	04	1700	4	03.8	00.0	1	.	.	.	.	.
02	840626	04	1700	4	03.8	00.0	1	.	.	.	.	.
02	840626	04	1700	4	03.8	00.0	1	.	.	.	.	.
02	840626	04	1700	4	03.8	00.0	1	.	.	.	.	.
02	840626	04	1700	4	03.8	00.0	1	.	.	.	.	.
02	840626	04	1700	4	03.8	00.0	1	.	.	.	.	.
02	840626	04	1700	4	03.8	00.0	1	.	.	.	.	.
02	840626	04	1700	4	03.8	00.0	1	.	.	.	.	.
02	840626	04	1702	4	03.8	00.3	1	12.2	.044	02.2	07.43	0.235
02	840626	04	1702	4	03.8	00.3	1	.	.	.	.	.
02	840626	04	1702	4	03.8	00.3	1	.	.	.	.	.
02	840626	04	1702	4	03.8	00.3	1	.	.	.	.	.
02	840626	04	1704	4	03.7	00.6	1	12.1	.076	04.0	07.58	0.224

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
		000	011.62	010	00506.00	06						
			.	010	00524.00	06						
7.88	87	000	008.94	100	00435.00	06						
		000	007.22	010	00529.00	06						
		000	007.03	010	00508.00	06						
			.	010	00520.00	06						
7.78	86	000	011.81	100	00362.00	06						
		000	010.28	010	00370.00	06						
		000	011.43	010	00381.00	06						
			.	010	00388.00	06						
7.67	85	000	014.30	100	00290.00	06						
		000	014.87	010	00306.00	06						
		000	014.87	010	00297.00	06						
			.	010	00291.00	06						
7.67	85	000	012.96	100	00281.00	06						
		000	013.53	010	00252.00	06						
		000	015.64	010	00259.00	06						
			.	010	00262.00	06						
7.75	86	000	016.59	100	00331.00	06						
		000	015.06	010	00268.00	06						
		000	020.61	010	00269.00	06						
			.	010	00270.00	06						
8.07	89	000	016.40	100	00220.00	06						
		000	015.25	010	00274.00	06						
		000	012.96	010	00286.00	06						
			.	010	00267.00	06						
7.88	87	000	010.66	100	00232.00	06						
		000	010.47	010	00179.00	06						
		000	009.71	010	00183.00	06						
			.	010	00185.00	06						
10.05	97	180	025.78	100	00204.00	05	000	000	000	000	000	000
		180	030.32	010	00201.00	05	000	000	000	000	000	000
		180	031.42	010	00204.00	05	000	000	000	000	000	000
			.	010	00208.00	05	000	000	000	000	000	000
			.		.	05	000	000	000	000	000	000
			.		.	05	000	000	000	000	000	000
			.		.	05	000	000	000	000	000	000
			.		.	05	000	000	000	000	000	000
			.		.	05	000	000	000	000	000	000
			.		.	05	000	000	000	000	000	000
10.25	99	180	048.29	100	00460.00	06	000	000	000	000	000	000
		180	049.39	010	00509.00	06	000	000	000	000	000	000
		180	049.94	010	00508.00	06	000	000	000	000	000	000
			.	010	00501.00	06	000	006	000	000	000	000
			.		.	06	001	000	000	000	000	000
			.		.	06	000	003	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	003	001	000	000	000
10.30	100	180	044.62	100	00345.00	06						
		180	046.09	010	00364.00	06						
		180	044.99	010	00361.00	06						
			.	010	00360.00	06						
10.23	100	180	041.32	100	00232.00	06						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840626	04	1704	4	03.7	00.6	1	.	.	.	.	.
02	840626	04	1704	4	03.7	00.6	1	.	.	.	.	.
02	840626	04	1704	4	03.7	00.6	1	.	.	.	.	.
02	840626	04	1707	4	03.7	00.9	1	11.7	.198	11.6	07.66	0.225
02	840626	04	1707	4	03.7	00.9	1	.	.	.	.	.
02	840626	04	1707	4	03.7	00.9	1	.	.	.	.	.
02	840626	04	1707	4	03.7	00.9	1	.	.	.	.	.
02	840626	04	1710	4	03.7	01.2	2	11.5	.271	16.5	07.65	0.220
02	840626	04	1710	4	03.7	01.2	2	.	.	.	.	.
02	840626	04	1710	4	03.7	01.2	2	.	.	.	.	.
02	840626	04	1710	4	03.7	01.2	2	.	.	.	.	.
02	840626	04	1714	4	03.7	01.5	2	11.2	.415	26.6	07.51	0.214
02	840626	04	1714	4	03.7	01.5	2	.	.	.	.	.
02	840626	04	1714	4	03.7	01.5	2	.	.	.	.	.
02	840626	04	1714	4	03.7	01.5	2	.	.	.	.	.
02	840626	04	1717	4	03.7	01.8	2	10.8	.444	28.7	07.51	0.206
02	840626	04	1717	4	03.7	01.8	2	.	.	.	.	.
02	840626	04	1717	4	03.7	01.8	2	.	.	.	.	.
02	840626	04	1717	4	03.7	01.8	2	.	.	.	.	.
02	840626	04	1717	4	03.7	01.8	2	.	.	.	.	.
02	840626	04	1717	4	03.7	01.8	2	.	.	.	.	.
02	840626	04	1717	4	03.7	01.8	2	.	.	.	.	.
02	840626	04	1717	4	03.7	01.8	2	.	.	.	.	.
02	840626	04	1717	4	03.7	01.8	2	.	.	.	.	.
02	840626	04	1717	4	03.7	01.8	2	.	.	.	.	.
02	840626	08	1155	1	01.7	00.0	1	12.8	.018	00.8	07.14	0.180
02	840626	08	1155	1	01.7	00.0	1	.	.	.	.	.
02	840626	08	1155	1	01.7	00.0	1	.	.	.	.	.
02	840626	08	1155	1	01.7	00.0	1	.	.	.	.	.
02	840626	08	1158	1	01.7	00.3	1	12.8	.019	00.9	07.13	0.183
02	840626	08	1158	1	01.7	00.3	1	.	.	.	.	.
02	840626	08	1158	1	01.7	00.3	1	.	.	.	.	.
02	840626	08	1158	1	01.7	00.3	1	.	.	.	.	.
02	840626	08	1200	1	01.8	00.6	1	12.9	.027	01.3	07.14	0.174
02	840626	08	1200	1	01.8	00.6	1	.	.	.	.	.
02	840626	08	1200	1	01.8	00.6	1	.	.	.	.	.
02	840626	08	1200	1	01.8	00.6	1	.	.	.	.	.
02	840626	08	1203	1	01.8	00.9	1	12.9	.030	01.4	07.10	0.178
02	840626	08	1203	1	01.8	00.9	1	.	.	.	.	.
02	840626	08	1203	1	01.8	00.9	1	.	.	.	.	.
02	840626	08	1203	1	01.8	00.9	1	.	.	.	.	.
02	840626	08	1207	1	01.8	01.2	2	12.8	.032	01.5	07.07	0.177
02	840626	08	1207	1	01.8	01.2	2	.	.	.	.	.
02	840626	08	1207	1	01.8	01.2	2	.	.	.	.	.
02	840626	08	1207	1	01.8	01.2	2	.	.	.	.	.
02	840626	09	1120	1	01.5	00.0	1	12.7	.003	00.2	07.25	0.236
02	840626	09	1120	1	01.5	00.0	1	.	.	.	.	.
02	840626	09	1120	1	01.5	00.0	1	.	.	.	.	.
02	840626	09	1120	1	01.5	00.0	1	.	.	.	.	.
02	840626	09	1123	1	01.5	00.3	1	12.6	.005	00.3	07.25	0.238
02	840626	09	1123	1	01.5	00.3	1	.	.	.	.	.
02	840626	09	1123	1	01.5	00.3	1	.	.	.	.	.
02	840626	09	1123	1	01.5	00.3	1	.	.	.	.	.
02	840626	09	1126	1	01.5	00.6	1	12.7	.004	00.2	07.28	0.217
02	840626	09	1126	1	01.5	00.6	1	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
		180	043.15	010	00245.00	06						
		180	042.05	010	00243.00	06						
			.	010	00241.00	06						
9.62	97	180	029.96	100	00170.00	06						
		180	031.42	010	00188.00	06						
		180	036.19	010	00179.00	06						
			.	010	00176.00	06						
9.10	95	180	021.95	100	00131.00	06						
		180	022.14	010	00147.00	06						
		180	022.14	010	00132.00	06						
			.	010	00129.00	06						
8.30	92	000	003.97	100	00123.00	06						
		000	003.58	010	00118.00	06						
		000	006.26	010	00118.00	06						
			.	010	00120.00	06						
7.94	88	000	007.79	100	00117.00	06	001	000	001	000	000	000
		000	007.79	010	00113.00	06	001	000	000	000	000	000
		000	006.45	010	00113.00	06	014	000	000	000	000	000
			.	010	00112.00	06	000	000	000	000	000	000
			.		.	06	002	001	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	016	000	000	000	000	000
			.		.	06	021	000	000	000	000	005
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
10.35	101	045	015.44	100	00220.00	06						
		045	012.38	010	00253.00	06						
		045	014.68	010	00246.00	06						
			.	010	00240.00	06						
9.91	97	045	009.51	100	00142.00	06						
		045	005.88	010	00131.00	06						
		045	007.98	010	00134.00	06						
			.	010	00138.00	06						
9.83	96	045	004.35	100	00213.00	06						
		045	006.07	010	00117.00	06						
		045	005.50	010	00120.00	06						
			.	010	00132.00	06						
9.81	96	045	003.58	100	00191.00	06						
		090	005.11	010	00165.00	06						
		090	003.97	010	00168.00	06						
			.	010	00172.00	06						
9.77	96		000.00	100	00127.00	06						
			000.00	010	00137.00	06						
			.	010	00142.00	06						
			.	010	00146.00	06						
10.62	103	180	045.35	100	00376.00	06						
		180	042.79	010	00410.00	06						
		180	041.32	010	00412.00	06						
			.	010	00419.00	06						
10.41	101	180	033.99	100	00311.00	06						
		180	028.26	010	00364.00	06						
		180	035.27	010	00381.00	06						
			.	010	00382.00	06						
10.44	101	180	026.92	100	00276.00	06						
		180	037.29	010	00278.00	06						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840626	09	1126	1	01.5	00.6	1	.	.	.	.	.
02	840626	09	1126	1	01.5	00.6	1	.	.	.	.	.
02	840626	09	1130	1	01.6	00.9	1	12.7	.005	00.3	07.25	0.220
02	840626	09	1130	1	01.6	00.9	1	.	.	.	.	.
02	840626	09	1130	1	01.6	00.9	1	.	.	.	.	.
02	840626	09	1130	1	01.6	00.9	1	.	.	.	.	.
02	840626	09	1135	1	01.6	01.2	2	12.7	.016	00.7	07.29	0.205
02	840626	09	1135	1	01.6	01.2	2	.	.	.	.	.
02	840626	09	1135	1	01.6	01.2	2	.	.	.	.	.
02	840626	09	1135	1	01.6	01.2	2	.	.	.	.	.
02	840626	09	1135	1	01.6	01.2	2	.	.	.	.	.
02	840626	09	1140	1	01.6	01.5	2	12.9	.061	03.1	06.96	0.192
02	840626	09	1140	1	01.6	01.5	2	.	.	.	.	.
02	840626	09	1140	1	01.6	01.5	2	.	.	.	.	.
02	840626	09	1140	1	01.6	01.5	2	.	.	.	.	.
02	840626	09	1145	1	01.6	01.8	2	12.7	.060	03.0	07.03	0.182
02	840626	09	1145	1	01.6	01.8	2	.	.	.	.	.
02	840626	09	1145	1	01.6	01.8	2	.	.	.	.	.
02	840626	09	1145	1	01.6	01.8	2	.	.	.	.	.
02	840627	05	0952	6	00.8	00.0	1	11.7	.206	12.0	07.48	0.117
02	840627	05	0952	6	00.8	00.0	1	.	.	.	.	.
02	840627	05	0952	6	00.8	00.0	1	.	.	.	.	.
02	840627	05	0952	6	00.8	00.0	1	.	.	.	.	.
02	840627	05	0952	6	00.8	00.0	1	.	.	.	.	.
02	840627	05	0952	6	00.8	00.0	1	.	.	.	.	.
02	840627	05	0952	6	00.8	00.0	1	.	.	.	.	.
02	840627	05	0952	6	00.8	00.0	1	.	.	.	.	.
02	840627	05	0952	6	00.8	00.0	1	.	.	.	.	.
02	840627	05	0952	6	00.8	00.0	1	.	.	.	.	.
02	840627	05	0955	6	00.8	00.3	1	11.7	.244	14.7	07.36	0.125
02	840627	05	0955	6	00.8	00.3	1	.	.	.	.	.
02	840627	05	0955	6	00.8	00.3	1	.	.	.	.	.
02	840627	05	0955	6	00.8	00.3	1	.	.	.	.	.
02	840627	05	0958	6	00.7	00.6	1	11.5	.273	16.6	07.32	0.125
02	840627	05	0958	6	00.7	00.6	1	.	.	.	.	.
02	840627	05	0958	6	00.7	00.6	1	.	.	.	.	.
02	840627	05	0958	6	00.7	00.6	1	.	.	.	.	.
02	840627	05	1625	3	03.7	00.0	1	12.1	.147	08.3	07.50	0.124
02	840627	05	1625	3	03.7	00.0	1	.	.	.	.	.
02	840627	05	1625	3	03.7	00.0	1	.	.	.	.	.
02	840627	05	1625	3	03.7	00.0	1	.	.	.	.	.
02	840627	05	1629	3	03.7	00.3	1	12.2	.173	10.0	07.56	0.125
02	840627	05	1629	3	03.7	00.3	1	.	.	.	.	.
02	840627	05	1629	3	03.7	00.3	1	.	.	.	.	.
02	840627	05	1629	3	03.7	00.3	1	.	.	.	.	.
02	840627	05	1633	3	03.7	00.6	1	11.7	.274	16.7	07.53	0.132
02	840627	05	1633	3	03.7	00.6	1	.	.	.	.	.
02	840627	05	1633	3	03.7	00.6	1	.	.	.	.	.
02	840627	05	1633	3	03.7	00.6	1	.	.	.	.	.
02	840627	05	1636	3	03.7	00.9	1	11.1	.437	28.2	07.52	0.133
02	840627	05	1636	3	03.7	00.9	1	.	.	.	.	.
02	840627	05	1636	3	03.7	00.9	1	.	.	.	.	.
02	840627	05	1636	3	03.7	00.9	1	.	.	.	.	.
02	840627	05	1640	3	03.8	01.2	2	11.0	.440	28.4	07.51	0.128
02	840627	05	1640	3	03.8	01.2	2	.	.	.	.	.

```
D02C D02SAT FLDI  FLOW  LTT   LIGHT   WE HCH WCH WCO UNI CTT SHT

             180  035.27 010 00223.00 06
                       . 010 00230.00 06
10.22   99   180  009.13 100 00219.00 06
             180  007.03 010 00192.00 06
             180  019.65 010 00170.00 06
             180  018.12 010 00176.00 06
10.13   98   180  007.79 100 00085.00 06
             180  014.68 010 00180.00 06
             180  005.50 010 00163.00 06
             180  027.50 010 00148.00 06
             180  020.99            . 06
 9.57   95        000.00 100 00082.00 06
                  000.00 010 00052.00 06
                       . 010 00053.00 06
                       . 010 00082.00 06
 9.69   95   180  004.35 100 00118.00 06
             180  006.45 010 00080.00 06
             180  011.62 010 00082.00 06
                       . 010 00081.00 06
 9.57   97        000.00 100 00207.00 06 000 000 000 000 000 000
                       . 010 00198.00 06 000 008 000 000 000 000
                       . 010 00220.00 06 000 000 000 000 000 000
                       . 010 00210.00 06 000 000 000 000 000 000
                       .            . 06 000 000 000 000 000 000
                       .            . 06 000 000 000 000 000 000
                       .            . 06 000 022 000 000 000 000
                       .            . 06 000 000 000 000 000 000
                       .            . 06 000 000 000 000 000 000
                       .            . 06 000 000 000 000 000 000
 8.66   90        000.00 100 00131.00 06
                       . 010 00131.00 06
                       . 010 00130.00 06
                       . 010 00130.00 06
 8.27   86        000.00 100 00149.00 06
                       . 010 00128.00 06
                       . 010 00127.00 06
                       . 010 00133.00 06
 9.78   98   180  038.76 100 00297.00 07
             180  037.47 010 00299.00 07
             180  036.74 010 00306.00 07
                       . 010 00313.00 07
 9.59   97   180  024.24 100 00190.00 07
             180  021.76 010 00213.00 07
             180  021.18 010 00210.00 07
                       . 010 00208.00 07
 8.73   92   180  012.38 100 00182.00 07
             180  009.32 010 00178.00 07
             180  009.32 010 00180.00 07
                       . 010 00181.00 07
 8.14   91   290  007.98 100 00165.00 07
             340  008.56 010 00161.00 07
             290  007.41 010 00163.00 07
                       . 010 00164.00 07
 8.14   91   340  005.88 100 00136.00 07
             340  007.79 010 00139.00 07
```

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840627	05	1640	3	03.8	01.2	2	.	.	.	.	.
02	840627	05	1640	3	03.8	01.2	2	.	.	.	.	.
02	840627	05	1643	3	03.8	00.0	1	12.1	.100	05.4	07.52	0.117
02	840627	05	1643	3	03.8	00.0	1	.	.	.	.	.
02	840627	05	1643	3	03.8	00.0	1	.	.	.	.	.
02	840627	05	1643	3	03.8	00.0	1	.	.	.	.	.
02	840627	05	1647	3	03.8	00.3	1	12.0	.142	08.0	07.59	0.123
02	840627	05	1647	3	03.8	00.3	1	.	.	.	.	.
02	840627	05	1647	3	03.8	00.3	1	.	.	.	.	.
02	840627	05	1647	3	03.8	00.3	1	.	.	.	.	.
02	840627	05	1649	3	03.8	00.6	1	11.3	.311	19.2	07.55	0.133
02	840627	05	1649	3	03.8	00.6	1	.	.	.	.	.
02	840627	05	1649	3	03.8	00.6	1	.	.	.	.	.
02	840627	05	1649	3	03.8	00.6	1	.	.	.	.	.
02	840627	05	1651	3	03.9	00.9	1	10.7	.435	28.0	07.48	0.135
02	840627	05	1651	3	03.9	00.9	1	.	.	.	.	.
02	840627	05	1651	3	03.9	00.9	1	.	.	.	.	.
02	840627	05	1651	3	03.9	00.9	1	.	.	.	.	.
02	840627	05	1653	3	03.9	01.2	2	10.7	.445	28.7	07.48	0.134
02	840627	05	1653	3	03.9	01.2	2	.	.	.	.	.
02	840627	05	1653	3	03.9	01.2	2	.	.	.	.	.
02	840627	05	1653	3	03.9	01.2	2	.	.	.	.	.
02	840627	05	1655	3	03.9	01.5	2	10.6	.445	28.7	07.48	0.133
02	840627	05	1655	3	03.9	01.5	2	.	.	.	.	.
02	840627	05	1655	3	03.9	01.5	2	.	.	.	.	.
02	840627	05	1655	3	03.9	01.5	2	.	.	.	.	.
02	840627	05	1658	3	03.9	01.8	2	10.6	.445	28.7	07.47	0.132
02	840627	05	1658	3	03.9	01.8	2	.	.	.	.	.
02	840627	05	1658	3	03.9	01.8	2	.	.	.	.	.
02	840627	05	1658	3	03.9	01.8	2	.	.	.	.	.
02	840627	05	1701	3	04.0	02.1	3	10.6	.446	28.8	07.47	0.131
02	840627	05	1701	3	04.0	02.1	3	.	.	.	.	.
02	840627	05	1701	3	04.0	02.1	3	.	.	.	.	.
02	840627	05	1701	3	04.0	02.1	3	.	.	.	.	.
02	840627	05	1705	3	04.0	02.4	3	10.6	.446	28.8	07.47	0.132
02	840627	05	1705	3	04.0	02.4	3	.	.	.	.	.
02	840627	05	1705	3	04.0	02.4	3	.	.	.	.	.
02	840627	05	1705	3	04.0	02.4	3	.	.	.	.	.
02	840627	06	0924	6	01.0	00.0	1	11.7	.204	12.0	07.40	0.155
02	840627	06	0924	6	01.0	00.0	1	.	.	.	.	.
02	840627	06	0924	6	01.0	00.0	1	.	.	.	.	.
02	840627	06	0924	6	01.0	00.0	1	.	.	.	.	.
02	840627	06	0924	6	01.0	00.0	1	.	.	.	.	.
02	840627	06	0924	6	01.0	00.0	1	.	.	.	.	.
02	840627	06	0924	6	01.0	00.0	1	.	.	.	.	.
02	840627	06	0924	6	01.0	00.0	1	.	.	.	.	.
02	840627	06	0924	6	01.0	00.0	1	.	.	.	.	.
02	840627	06	0924	6	01.0	00.0	1	.	.	.	.	.
02	840627	06	0928	6	00.9	00.3	1	11.7	.245	14.7	07.27	0.153
02	840627	06	0928	6	00.9	00.3	1	.	.	.	.	.
02	840627	06	0928	6	00.9	00.3	1	.	.	.	.	.
02	840627	06	0928	6	00.9	00.3	1	.	.	.	.	.
02	840627	06	0932	6	00.9	00.6	1	11.3	.315	19.6	07.24	0.128
02	840627	06	0932	6	00.9	00.6	1	.	.	.	.	.
02	840627	06	0932	6	00.9	00.6	1	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
		290	006.26	010	00139.00	07						
			.	010	00138.00	07						
9.95	98	180	038.94	100	00316.00	07						
		180	040.59	010	00354.00	07						
		180	040.22	010	00319.00	07						
			.	010	00306.00	07						
9.50	95	180	023.48	100	00177.00	07						
		180	022.71	010	00182.00	07						
		180	025.39	010	00183.00	07						
			.	010	00182.00	07						
8.28	87	180	011.62	100	00154.00	07						
		180	011.62	010	00160.00	07						
		225	010.28	010	00156.00	07						
			.	010	00155.00	07						
7.60	84	180	007.41	100	00117.00	07						
		180	008.17	010	00119.00	07						
		225	006.07	010	00118.00	07						
			.	010	00117.00	07						
7.63	84	180	007.03	100	00105.00	07						
		225	006.45	010	00106.00	07						
		225	006.45	010	00104.00	07						
			.	010	00105.00	07						
7.71	85	180	008.56	100	00089.00	07						
		225	006.84	010	00090.00	07						
		225	007.79	010	00089.00	07						
			.	010	00087.00	07						
7.71	85	180	007.41	100	00079.00	07						
		180	007.79	010	00081.00	07						
		270	007.03	010	00079.00	07						
			.	010	00077.00	07						
7.70	85	180	012.00	100	00072.00	07						
		180	006.07	010	00074.00	07						
		270	006.84	010	00075.00	07						
			.	010	00075.00	07						
7.71	85	180	006.26	100	00061.00	07						
		270	006.26	010	00067.00	07						
			.	010	00064.00	07						
			.	010	00064.00	07						
9.16	93		000.00	100	00115.00	06	000	000	000	000	000	000
			.	010	00112.00	06	000	000	000	000	000	000
			.	010	00111.00	06	000	000	000	000	000	000
			.	010	00112.00	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
8.30	86		000.00	100	00112.00	06						
			.	010	00099.00	06						
			.	010	00100.00	06						
			.	010	00101.00	06						
7.45	79		000.00	100	00093.00	06						
			.	010	00088.00	06						
			.	010	00090.00	06						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840627	06	0932	6	00.9	00.6	1	.	.	.	.	.
02	840627	06	1012	6	00.7	00.0	1	11.7	.215	12.7	07.42	0.125
02	840627	06	1012	6	00.7	00.0	1	.	.	.	.	.
02	840627	06	1012	6	00.7	00.0	1	.	.	.	.	.
02	840627	06	1012	6	00.7	00.0	1	.	.	.	.	.
02	840627	06	1015	6	00.6	00.3	1	11.6	.256	15.4	07.32	0.126
02	840627	06	1015	6	00.6	00.3	1	.	.	.	.	.
02	840627	06	1015	6	00.6	00.3	1	.	.	.	.	.
02	840627	06	1015	6	00.6	00.3	1	.	.	.	.	.
02	840627	06	1018	6	00.6	00.6	1	11.2	.334	20.9	07.27	0.107
02	840627	06	1018	6	00.6	00.6	1	.	.	.	.	.
02	840627	06	1018	6	00.6	00.6	1	.	.	.	.	.
02	840627	06	1018	6	00.6	00.6	1	.	.	.	.	.
02	840627	06	1021	6	00.5	00.9	1	11.0	.375	23.7	07.24	0.035
02	840627	06	1021	6	00.5	00.9	1	.	.	.	.	.
02	840627	06	1021	6	00.5	00.9	1	.	.	.	.	.
02	840627	06	1021	6	00.5	00.9	1	.	.	.	.	.
02	840627	06	1150	1	01.2	00.0	1	11.8	.263	16.0	07.58	0.091
02	840627	06	1150	1	01.2	00.0	1	.	.	.	.	.
02	840627	06	1150	1	01.2	00.0	1	.	.	.	.	.
02	840627	06	1150	1	01.2	00.0	1	.	.	.	.	.
02	840627	06	1154	1	01.2	00.3	1	11.9	.342	21.4	07.85	0.066
02	840627	06	1154	1	01.2	00.3	1	.	.	.	.	.
02	840627	06	1154	1	01.2	00.3	1	.	.	.	.	.
02	840627	06	1154	1	01.2	00.3	1	.	.	.	.	.
02	840627	06	1158	1	01.2	00.6	1	11.9	.354	22.3	07.82	0.058
02	840627	06	1158	1	01.2	00.6	1	.	.	.	.	.
02	840627	06	1158	1	01.2	00.6	1	.	.	.	.	.
02	840627	06	1158	1	01.2	00.6	1	.	.	.	.	.
02	840627	06	1212	1	01.4	00.9	1	11.9	.371	23.5	07.87	0.054
02	840627	06	1212	1	01.4	00.9	1	.	.	.	.	.
02	840627	06	1212	1	01.4	00.9	1	.	.	.	.	.
02	840627	06	1212	1	01.4	00.9	1	.	.	.	.	.
02	840627	06	1216	1	01.4	00.0	1	12.0	.314	19.5	07.85	0.061
02	840627	06	1216	1	01.4	00.0	1	.	.	.	.	.
02	840627	06	1216	1	01.4	00.0	1	.	.	.	.	.
02	840627	06	1216	1	01.4	00.0	1	.	.	.	.	.
02	840627	06	1219	1	01.4	00.3	1	11.9	.374	23.7	07.90	0.060
02	840627	06	1219	1	01.4	00.3	1	.	.	.	.	.
02	840627	06	1219	1	01.4	00.3	1	.	.	.	.	.
02	840627	06	1219	1	01.4	00.3	1	.	.	.	.	.
02	840627	06	1222	1	01.4	00.6	1	11.8	.401	25.6	07.80	0.063
02	840627	06	1222	1	01.4	00.6	1	.	.	.	.	.
02	840627	06	1222	1	01.4	00.6	1	.	.	.	.	.
02	840627	06	1222	1	01.4	00.6	1	.	.	.	.	.
02	840627	06	1225	1	01.5	00.9	1	11.7	.411	26.3	07.76	0.066
02	840627	06	1225	1	01.5	00.9	1	.	.	.	.	.
02	840627	06	1225	1	01.5	00.9	1	.	.	.	.	.
02	840627	06	1225	1	01.5	00.9	1	.	.	.	.	.
02	840627	06	1229	1	01.5	00.0	1	11.7	.385	24.4	07.75	0.075
02	840627	06	1229	1	01.5	00.0	1	.	.	.	.	.
02	840627	06	1229	1	01.5	00.0	1	.	.	.	.	.
02	840627	06	1229	1	01.5	00.0	1	.	.	.	.	.
02	840627	06	1232	1	01.5	00.3	1	11.6	.416	26.7	07.74	0.077
02	840627	06	1232	1	01.5	00.3	1	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
			.	010	00090.00	06						
9.07	93		000.00	100	00259.00	05						
			.	010	00312.00	05						
			.	010	00290.00	05						
			.	010	00288.00	05						
8.39	87	000	003.58	100	00151.00	05						
		000	003.97	010	00166.00	05						
		000	003.58	010	00166.00	05						
			.	010	00167.00	05						
7.47	80	000	004.54	100	00095.00	05						
		000	000.00	010	00096.00	05						
			000.00	010	00098.00	05						
			.	010	00097.00	05						
6.92	75	000	003.77	100	00092.00	05						
		000	003.58	010	00084.00	05						
			000.00	010	00085.00	05						
			.	010	00086.00	05						
9.13	96	000	006.07	100	00366.00	05						
		000	009.32	010	00360.00	05						
		000	005.69	010	00359.00	05						
			.	010	00359.00	05						
10.70	116	180	018.12	100	00301.00	05						
		180	020.42	010	00334.00	05						
		180	022.33	010	00310.00	05						
			.	010	00311.00	05						
9.82	107	180	003.97	100	00213.00	05						
		180	004.35	010	00249.00	05						
			000.00	010	00250.00	05						
			.	010	00247.00	05						
10.44	114	090	004.54	100	00198.00	05						
		090	005.69	010	00203.00	05						
		090	008.94	010	00197.00	05						
			.	010	00203.00	05						
11.32	121	000	014.68	100	00369.00	05						
		000	018.89	010	00337.00	05						
		000	020.04	010	00342.00	05						
			.	010	00345.00	05						
11.04	121	000	018.51	100	00307.00	05						
		000	020.42	010	00314.00	05						
		000	020.23	010	00310.00	05						
			.	010	00307.00	05						
10.46	116	000	024.82	100	00271.00	05						
		000	019.84	010	00271.00	05						
		000	019.27	010	00276.00	05						
			.	010	00275.00	05						
9.75	108	000	006.64	100	00185.00	05						
		000	008.75	010	00188.00	05						
		000	007.79	010	00187.00	05						
			.	010	00190.00	05						
10.19	112	000	020.80	100	00295.00	05						
		000	021.18	010	00303.00	05						
		000	017.93	010	00295.00	05						
			.	010	00294.00	05						
9.81	109	000	022.33	100	00263.00	05						
		000	027.69	010	00254.00	05						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840627	06	1232	1	01.5	00.3	1	.	.	.	.	.
02	840627	06	1232	1	01.5	00.3	1	.	.	.	.	.
02	840627	06	1236	1	01.6	00.6	1	11.4	.430	27.7	07.65	0.080
02	840627	06	1236	1	01.6	00.6	1	.	.	.	.	.
02	840627	06	1236	1	01.6	00.6	1	.	.	.	.	.
02	840627	06	1236	1	01.6	00.6	1	.	.	.	.	.
02	840627	06	1241	1	01.6	00.9	1	11.4	.434	28.0	07.67	0.081
02	840627	06	1241	1	01.6	00.9	1	.	.	.	.	.
02	840627	06	1241	1	01.6	00.9	1	.	.	.	.	.
02	840627	06	1241	1	01.6	00.9	1	.	.	.	.	.
02	840627	06	1246	1	01.7	00.0	1	11.5	.421	27.0	07.71	0.084
02	840627	06	1246	1	01.7	00.0	1	.	.	.	.	.
02	840627	06	1246	1	01.7	00.0	1	.	.	.	.	.
02	840627	06	1246	1	01.7	00.0	1	.	.	.	.	.
02	840627	06	1249	1	01.7	00.3	1	11.5	.422	27.1	07.70	0.085
02	840627	06	1249	1	01.7	00.3	1	.	.	.	.	.
02	840627	06	1249	1	01.7	00.3	1	.	.	.	.	.
02	840627	06	1249	1	01.7	00.3	1	.	.	.	.	.
02	840627	06	1253	1	01.7	00.6	1	11.4	.431	27.7	07.67	0.085
02	840627	06	1253	1	01.7	00.6	1	.	.	.	.	.
02	840627	06	1253	1	01.7	00.6	1	.	.	.	.	.
02	840627	06	1253	1	01.7	00.6	1	.	.	.	.	.
02	840627	06	1257	1	01.8	00.9	1	11.4	.437	28.2	07.63	0.086
02	840627	06	1257	1	01.8	00.9	1	.	.	.	.	.
02	840627	06	1257	1	01.8	00.9	1	.	.	.	.	.
02	840627	06	1257	1	01.8	00.9	1	.	.	.	.	.
02	840627	06	1302	1	01.8	01.2	2	11.3	.440	28.4	07.63	0.087
02	840627	06	1302	1	01.8	01.2	2	.	.	.	.	.
02	840627	06	1302	1	01.8	01.2	2	.	.	.	.	.
02	840627	06	1302	1	01.8	01.2	2	.	.	.	.	.
02	840627	06	1305	2	01.9	00.0	1	12.2	.295	18.2	07.74	0.084
02	840627	06	1305	2	01.9	00.0	1	.	.	.	.	.
02	840627	06	1305	2	01.9	00.0	1	.	.	.	.	.
02	840627	06	1305	2	01.9	00.0	1	.	.	.	.	.
02	840627	06	1310	2	01.9	00.3	1	11.7	.401	25.6	07.73	0.097
02	840627	06	1310	2	01.9	00.3	1	.	.	.	.	.
02	840627	06	1310	2	01.9	00.3	1	.	.	.	.	.
02	840627	06	1310	2	01.9	00.3	1	.	.	.	.	.
02	840627	06	1316	2	01.9	00.6	1	11.4	.433	27.9	07.63	0.101
02	840627	06	1316	2	01.9	00.6	1	.	.	.	.	.
02	840627	06	1316	2	01.9	00.6	1	.	.	.	.	.
02	840627	06	1316	2	01.9	00.6	1	.	.	.	.	.
02	840627	06	1319	2	02.0	00.9	1	11.3	.443	28.6	07.61	0.103
02	840627	06	1319	2	02.0	00.9	1	.	.	.	.	.
02	840627	06	1319	2	02.0	00.9	1	.	.	.	.	.
02	840627	06	1319	2	02.0	00.9	1	.	.	.	.	.
02	840627	06	1322	2	02.0	01.2	2	11.3	.445	28.7	07.60	0.104
02	840627	06	1322	2	02.0	01.2	2	.	.	.	.	.
02	840627	06	1322	2	02.0	01.2	2	.	.	.	.	.
02	840627	06	1322	2	02.0	01.2	2	.	.	.	.	.
02	840627	06	1326	2	02.0	01.5	2	11.3	.446	28.8	07.56	0.102
02	840627	06	1326	2	02.0	01.5	2	.	.	.	.	.
02	840627	06	1326	2	02.0	01.5	2	.	.	.	.	.
02	840627	06	1326	2	02.0	01.5	2	.	.	.	.	.
02	840627	06	1330	2	02.1	00.0	1	12.8	.130	07.2	07.90	0.086

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
		000	026.54	010	00257.00	05						
			.	010	00259.00	05						
9.30	103	000	021.57	100	00246.00	05						
		000	025.78	010	00235.00	05						
		000	022.71	010	00236.00	05						
			.	010	00237.00	05						
8.88	99	000	009.51	100	00219.00	05						
		000	007.79	010	00216.00	05						
		000	005.88	010	00220.00	05						
			.	010	00221.00	05						
9.37	104	000	011.62	100	00404.00	05						
		000	013.53	010	00354.00	05						
		000	012.77	010	00344.00	05						
			.	010	00354.00	05						
9.14	102	000	007.60	100	00308.00	05						
		000	006.45	010	00318.00	05						
		000	011.62	010	00317.00	05						
			.	010	00316.00	05						
8.74	98	000	014.30	100	00268.00	05						
		000	011.43	010	00274.00	05						
		000	008.56	010	00273.00	05						
			.	010	00272.00	05						
8.70	98		000.00	100	00356.00	05						
		000	005.88	010	00240.00	05						
			.	010	00236.00	05						
			.	010	00240.00	05						
8.71	98	000	013.34	100	00273.00	05						
		000	014.68	010	00269.00	05						
		000	016.21	010	00269.00	05						
		000	017.55	010	00273.00	05						
9.61	102	180	007.79	100	00443.00	05						
			.	010	00445.00	05						
			.	010	00449.00	05						
			.	010	00448.00	05						
9.27	102	000	014.49	100	00514.00	05						
		000	017.55	010	00517.00	05						
		000	018.70	010	00520.00	05						
			.	010	00528.00	05						
8.96	100	000	025.39	100	00421.00	05						
		000	025.58	010	00396.00	05						
			.	010	00403.00	05						
			.	010	00407.00	05						
8.84	99	000	022.91	100	00448.00	05						
		000	024.82	010	00408.00	05						
		000	027.69	010	00418.00	05						
			.	010	00419.00	05						
8.74	98	000	025.78	100	00392.00	05						
		000	019.84	010	00391.00	05						
		000	015.06	010	00397.00	05						
			.	010	00393.00	05						
8.42	95	000	008.75	100	00349.00	05						
		000	017.74	010	00335.00	05						
		000	012.38	010	00338.00	05						
			.	010	00338.00	05						
10.07	102	180	018.51	100	00867.00	05						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840627	06	1330	2	02.1	00.0	1	.	.	.	.	.
02	840627	06	1330	2	02.1	00.0	1	.	.	.	.	.
02	840627	06	1330	2	02.1	00.0	1	.	.	.	.	.
02	840627	06	1333	2	02.1	00.3	1	12.3	.307	19.0	07.90	0.098
02	840627	06	1333	2	02.1	00.3	1	.	.	.	.	.
02	840627	06	1333	2	02.1	00.3	1	.	.	.	.	.
02	840627	06	1333	2	02.1	00.3	1	.	.	.	.	.
02	840627	06	1336	2	02.1	00.6	1	11.3	.435	28.0	07.58	0.115
02	840627	06	1336	2	02.1	00.6	1	.	.	.	.	.
02	840627	06	1336	2	02.1	00.6	1	.	.	.	.	.
02	840627	06	1336	2	02.1	00.6	1	.	.	.	.	.
02	840627	06	1339	2	02.2	00.9	1	11.2	.446	28.8	07.58	0.114
02	840627	06	1339	2	02.2	00.9	1	.	.	.	.	.
02	840627	06	1339	2	02.2	00.9	1	.	.	.	.	.
02	840627	06	1339	2	02.2	00.9	1	.	.	.	.	.
02	840627	06	1344	2	02.2	01.2	2	11.2	.446	28.8	07.57	0.110
02	840627	06	1344	2	02.2	01.2	2	.	.	.	.	.
02	840627	06	1344	2	02.2	01.2	2	.	.	.	.	.
02	840627	06	1344	2	02.2	01.2	2	.	.	.	.	.
02	840627	06	1347	2	02.2	01.5	2	11.1	.447	28.9	07.54	0.108
02	840627	06	1347	2	02.2	01.5	2	.	.	.	.	.
02	840627	06	1347	2	02.2	01.5	2	.	.	.	.	.
02	840627	06	1347	2	02.2	01.5	2	.	.	.	.	.
02	840627	06	1349	2	02.2	01.8	2	11.1	.445	28.7	07.54	0.105
02	840627	06	1349	2	02.2	01.8	2	.	.	.	.	.
02	840627	06	1349	2	02.2	01.8	2	.	.	.	.	.
02	840627	06	1349	2	02.2	01.8	2	.	.	.	.	.
02	840627	06	1352	2	02.3	02.1	3	11.0	.447	28.9	07.53	0.104
02	840627	06	1352	2	02.3	02.1	3	.	.	.	.	.
02	840627	06	1352	2	02.3	02.1	3	.	.	.	.	.
02	840627	06	1352	2	02.3	02.1	3	.	.	.	.	.
02	840627	06	1356	2	02.3	00.0	1	12.9	.094	05.0	07.80	0.087
02	840627	06	1356	2	02.3	00.0	1	.	.	.	.	.
02	840627	06	1356	2	02.3	00.0	1	.	.	.	.	.
02	840627	06	1356	2	02.3	00.0	1	.	.	.	.	.
02	840627	06	1400	2	02.3	00.3	1	12.7	.180	10.4	07.74	0.096
02	840627	06	1400	2	02.3	00.3	1	.	.	.	.	.
02	840627	06	1400	2	02.3	00.3	1	.	.	.	.	.
02	840627	06	1400	2	02.3	00.3	1	.	.	.	.	.
02	840627	06	1404	2	02.3	00.6	1	11.7	.379	24.0	07.63	0.117
02	840627	06	1404	2	02.3	00.6	1	.	.	.	.	.
02	840627	06	1404	2	02.3	00.6	1	.	.	.	.	.
02	840627	06	1404	2	02.3	00.6	1	.	.	.	.	.
02	840627	06	1408	2	02.4	00.9	1	11.2	.416	26.7	07.55	0.120
02	840627	06	1408	2	02.4	00.9	1	.	.	.	.	.
02	840627	06	1408	2	02.4	00.9	1	.	.	.	.	.
02	840627	06	1408	2	02.4	00.9	1	.	.	.	.	.
02	840627	06	1412	2	02.4	01.2	2	11.1	.423	27.2	07.53	0.121
02	840627	06	1412	2	02.4	01.2	2	.	.	.	.	.
02	840627	06	1412	2	02.4	01.2	2	.	.	.	.	.
02	840627	06	1412	2	02.4	01.2	2	.	.	.	.	.
02	840627	06	1415	2	02.5	01.5	2	11.0	.430	27.7	07.53	0.121
02	840627	06	1415	2	02.5	01.5	2	.	.	.	.	.
02	840627	06	1415	2	02.5	01.5	2	.	.	.	.	.
02	840627	06	1415	2	02.5	01.5	2	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
		180	012.00	010	00837.00	05						
		180	013.72	010	00838.00	05						
			.	010	00807.00	05						
9.05	98	000	006.64	100	00633.00	05						
		000	005.88	010	00653.00	05						
		000	005.50	010	00664.00	05						
			.	010	00652.00	05						
8.15	91	000	014.68	100	00460.00	05						
		000	020.99	010	00464.00	05						
		000	019.65	010	00463.00	05						
			.	010	00461.00	05						
8.33	93	000	017.74	100	00332.00	05						
		000	012.00	010	00365.00	05						
		000	013.72	010	00363.00	05						
			.	010	00352.00	05						
8.36	94	000	010.85	100	00277.00	05						
		000	017.17	010	00290.00	05						
		000	019.27	010	00290.00	05						
			.	010	00287.00	05						
8.20	92	000	018.70	100	00230.00	05						
		000	015.25	010	00227.00	05						
		000	016.21	010	00228.00	05						
			.	010	00230.00	05						
8.00	89	000	012.77	100	00240.00	05						
		000	009.51	010	00239.00	05						
		000	008.75	010	00241.00	05						
			.	010	00246.00	05						
8.04	90	000	005.69	100	00170.00	05						
		000	005.69	010	00193.00	05						
		000	005.88	010	00188.00	05						
			.	010	00185.00	05						
10.12	101	225	006.84	100	00456.00	05						
		225	009.51	010	00497.00	05						
		225	005.88	010	00472.00	05						
			.	010	00470.00	05						
9.43	97	000	006.64	100	00354.00	05						
		000	005.50	010	00377.00	05						
		000	008.56	010	00377.00	05						
			.	010	00382.00	05						
8.53	94	000	017.74	100	00332.00	05						
		000	019.65	010	00342.00	05						
		000	015.83	010	00350.00	05						
			.	010	00345.00	05						
7.91	88	000	021.38	100	00276.00	05						
		000	016.78	010	00275.00	05						
		000	020.80	010	00274.00	05						
			.	010	00270.00	05						
8.06	89	000	028.07	100	00240.00	05						
		000	026.73	010	00257.00	05						
		000	024.24	010	00255.00	05						
			.	010	00249.00	05						
8.03	89	000	022.33	100	00209.00	05						
		000	022.33	010	00212.00	05						
		000	022.14	010	00213.00	05						
			.	010	00213.00	05						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840627	06	1417	2	02.5	01.8	2	11.0	.433	27.9	07.52	0.118
02	840627	06	1417	2	02.5	01.8	2	.	.	.	.	.
02	840627	06	1417	2	02.5	01.8	2	.	.	.	.	.
02	840627	06	1417	2	02.5	01.8	2	.	.	.	.	.
02	840627	06	1420	2	02.5	02.1	3	10.9	.440	28.4	07.51	0.113
02	840627	06	1420	2	02.5	02.1	3	.	.	.	.	.
02	840627	06	1420	2	02.5	02.1	3	.	.	.	.	.
02	840627	06	1420	2	02.5	02.1	3	.	.	.	.	.
02	840627	06	1423	2	02.6	02.4	3	10.9	.434	28.0	07.53	0.111
02	840627	06	1423	2	02.6	02.4	3	.	.	.	.	.
02	840627	06	1423	2	02.6	02.4	3	.	.	.	.	.
02	840627	06	1423	2	02.6	02.4	3	.	.	.	.	.
02	840627	06	1426	2	02.6	00.0	1	12.7	.087	04.6	07.71	0.094
02	840627	06	1426	2	02.6	00.0	1	.	.	.	.	.
02	840627	06	1426	2	02.6	00.0	1	.	.	.	.	.
02	840627	06	1426	2	02.6	00.0	1	.	.	.	.	.
02	840627	06	1429	2	02.6	00.3	1	12.7	.092	04.9	07.73	0.101
02	840627	06	1429	2	02.6	00.3	1	.	.	.	.	.
02	840627	06	1429	2	02.6	00.3	1	.	.	.	.	.
02	840627	06	1429	2	02.6	00.3	1	.	.	.	.	.
02	840627	06	1432	2	02.6	00.6	1	11.6	.373	23.6	07.55	0.123
02	840627	06	1432	2	02.6	00.6	1	.	.	.	.	.
02	840627	06	1432	2	02.6	00.6	1	.	.	.	.	.
02	840627	06	1432	2	02.6	00.6	1	.	.	.	.	.
02	840627	06	1435	2	02.7	00.9	1	11.0	.409	26.2	07.52	0.126
02	840627	06	1435	2	02.7	00.9	1	.	.	.	.	.
02	840627	06	1435	2	02.7	00.9	1	.	.	.	.	.
02	840627	06	1435	2	02.7	00.9	1	.	.	.	.	.
02	840627	06	1440	2	02.7	01.2	2	10.9	.415	26.7	07.51	0.125
02	840627	06	1440	2	02.7	01.2	2	.	.	.	.	.
02	840627	06	1440	2	02.7	01.2	2	.	.	.	.	.
02	840627	06	1440	2	02.7	01.2	2	.	.	.	.	.
02	840627	06	1442	2	02.7	01.5	2	10.8	.437	28.2	07.50	0.123
02	840627	06	1442	2	02.7	01.5	2	.	.	.	.	.
02	840627	06	1442	2	02.7	01.5	2	.	.	.	.	.
02	840627	06	1442	2	02.7	01.5	2	.	.	.	.	.
02	840627	06	1444	2	02.7	01.8	2	10.7	.442	28.5	07.45	0.121
02	840627	06	1444	2	02.7	01.8	2	.	.	.	.	.
02	840627	06	1444	2	02.7	01.8	2	.	.	.	.	.
02	840627	06	1444	2	02.7	01.8	2	.	.	.	.	.
02	840627	06	1448	2	02.7	02.1	3	10.7	.443	28.6	07.48	0.116
02	840627	06	1448	2	02.7	02.1	3	.	.	.	.	.
02	840627	06	1448	2	02.7	02.1	3	.	.	.	.	.
02	840627	06	1448	2	02.7	02.1	3	.	.	.	.	.
02	840627	06	1453	2	02.8	02.4	3	10.7	.445	28.7	07.48	0.112
02	840627	06	1453	2	02.8	02.4	3	.	.	.	.	.
02	840627	06	1453	2	02.8	02.4	3	.	.	.	.	.
02	840627	06	1453	2	02.8	02.4	3	.	.	.	.	.
02	840627	06	1456	2	02.8	00.0	1	12.7	.079	04.2	07.58	0.100
02	840627	06	1456	2	02.8	00.0	1	.	.	.	.	.
02	840627	06	1456	2	02.8	00.0	1	.	.	.	.	.
02	840627	06	1456	2	02.8	00.0	1	.	.	.	.	.
02	840627	06	1459	2	02.9	00.3	1	12.7	.080	04.2	07.58	0.105
02	840627	06	1459	2	02.9	00.3	1	.	.	.	.	.
02	840627	06	1459	2	02.9	00.3	1	.	.	.	.	.

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DO2C DO2SAT FLDI  FLOW  LTT   LIGHT  WE HCH WCH WCO UNI CTT SHT

 7.94   88   000  015.25 100 00187.00 05
             000  017.17 010 00189.00 05
             000  022.33 010 00187.00 05
                     .   010 00187.00 05
 7.85   87   000  017.93 100 00189.00 05
             000  016.59 010 00183.00 05
             000  015.44 010 00188.00 05
                     .   010 00186.00 05
 7.74   86   000  006.45 100 00148.00 05
             000  006.45 010 00172.00 05
             000  009.32 010 00175.00 05
                     .   010 00175.00 05
10.31  102   180  024.44 100 00350.00 05
             180  025.78 010 00359.00 05
             180  025.01 010 00336.00 05
                     .   010 00343.00 05
 9.89   98   180  014.30 100 00271.00 05
             180  018.70 010 00270.00 05
             180  017.36 010 00275.00 05
                     .   010 00274.00 05
 7.88   86   000  016.21 100 00258.00 05
             000  019.84 010 00248.00 05
             000  020.23 010 00248.00 05
                     .   010 00254.00 05
 7.78   85   000  013.15 100 00251.00 05
             000  014.68 010 00235.00 05
             000  013.72 010 00237.00 05
                     .   010 00238.00 05
 7.81   86   000  013.53 100 00249.00 05
             000  015.44 010 00242.00 05
             000  009.90 010 00245.00 05
                     .   010 00247.00 05
 7.68   85   000  016.78 100 00211.00 05
             000  021.38 010 00223.00 05
             000  017.93 010 00225.00 05
                     .   010 00225.00 05
 7.58   84   000  018.51 100 00183.00 05
             000  017.36 010 00178.00 05
             000  019.08 010 00183.00 05
                     .   010 00182.00 05
 7.47   83   000  012.57 100 00167.00 05
             000  016.21 010 00171.00 05
             000  017.55 010 00172.00 05
                     .   010 00167.00 05
 7.54   84   000  014.87 100 00170.00 05
             000  012.00 010 00168.00 05
             000  017.36 010 00168.00 05
                     .   010 00170.00 05
10.06  100   180  024.24 100 00249.00 05
             180  025.58 010 00258.00 05
             180  011.81 010 00259.00 05
                     .   010 00262.00 05
 9.82   97   180  017.55 100 00220.00 05
             180  018.70 010 00205.00 05
             180  018.12 010 00207.00 05
```

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840627	06	1459	2	02.9	00.3	1	.	.	.	.	.
02	840627	06	1503	2	02.9	00.6	1	12.7	.099	05.4	07.65	0.107
02	840627	06	1503	2	02.9	00.6	1	.	.	.	.	.
02	840627	06	1503	2	02.9	00.6	1	.	.	.	.	.
02	840627	06	1503	2	02.9	00.6	1	.	.	.	.	.
02	840627	06	1508	2	02.9	00.9	1	10.8	.425	27.4	07.51	0.128
02	840627	06	1508	2	02.9	00.9	1	.	.	.	.	.
02	840627	06	1508	2	02.9	00.9	1	.	.	.	.	.
02	840627	06	1508	2	02.9	00.9	1	.	.	.	.	.
02	840627	06	1510	2	03.0	01.2	2	10.7	.432	27.9	07.49	0.128
02	840627	06	1510	2	03.0	01.2	2	.	.	.	.	.
02	840627	06	1510	2	03.0	01.2	2	.	.	.	.	.
02	840627	06	1510	2	03.0	01.2	2	.	.	.	.	.
02	840627	06	1513	2	03.0	01.5	2	10.6	.442	28.5	07.48	0.124
02	840627	06	1513	2	03.0	01.5	2	.	.	.	.	.
02	840627	06	1513	2	03.0	01.5	2	.	.	.	.	.
02	840627	06	1513	2	03.0	01.5	2	.	.	.	.	.
02	840627	06	1515	2	03.0	01.8	2	10.6	.446	28.8	07.48	0.121
02	840627	06	1515	2	03.0	01.8	2	.	.	.	.	.
02	840627	06	1515	2	03.0	01.8	2	.	.	.	.	.
02	840627	06	1515	2	03.0	01.8	2	.	.	.	.	.
02	840627	06	1518	2	03.0	02.1	3	10.6	.447	28.9	07.47	0.116
02	840627	06	1518	2	03.0	02.1	3	.	.	.	.	.
02	840627	06	1518	2	03.0	02.1	3	.	.	.	.	.
02	840627	06	1518	2	03.0	02.1	3	.	.	.	.	.
02	840627	06	1521	2	03.1	02.4	3	10.6	.447	28.9	07.45	0.108
02	840627	06	1521	2	03.1	02.4	3	.	.	.	.	.
02	840627	06	1521	2	03.1	02.4	3	.	.	.	.	.
02	840627	06	1521	2	03.1	02.4	3	.	.	.	.	.
02	840627	06	1525	3	03.1	00.0	1	12.6	.087	04.6	07.55	0.100
02	840627	06	1525	3	03.1	00.0	1	.	.	.	.	.
02	840627	06	1525	3	03.1	00.0	1	.	.	.	.	.
02	840627	06	1525	3	03.1	00.0	1	.	.	.	.	.
02	840627	06	1527	3	03.1	00.3	1	12.6	.096	05.2	07.57	0.105
02	840627	06	1527	3	03.1	00.3	1	.	.	.	.	.
02	840627	06	1527	3	03.1	00.3	1	.	.	.	.	.
02	840627	06	1527	3	03.1	00.3	1	.	.	.	.	.
02	840627	06	1529	3	03.1	00.6	1	12.0	.189	11.0	07.62	0.112
02	840627	06	1529	3	03.1	00.6	1	.	.	.	.	.
02	840627	06	1529	3	03.1	00.6	1	.	.	.	.	.
02	840627	06	1529	3	03.1	00.6	1	.	.	.	.	.
02	840627	06	1532	3	03.1	00.9	1	10.9	.431	27.8	07.54	0.123
02	840627	06	1532	3	03.1	00.9	1	.	.	.	.	.
02	840627	06	1532	3	03.1	00.9	1	.	.	.	.	.
02	840627	06	1532	3	03.1	00.9	1	.	.	.	.	.
02	840627	06	1535	3	03.2	01.2	2	10.6	.437	28.2	07.50	0.122
02	840627	06	1535	3	03.2	01.2	2	.	.	.	.	.
02	840627	06	1535	3	03.2	01.2	2	.	.	.	.	.
02	840627	06	1535	3	03.2	01.2	2	.	.	.	.	.
02	840627	06	1538	3	03.2	01.5	2	10.7	.443	28.6	07.49	0.123
02	840627	06	1538	3	03.2	01.5	2	.	.	.	.	.
02	840627	06	1538	3	03.2	01.5	2	.	.	.	.	.
02	840627	06	1538	3	03.2	01.5	2	.	.	.	.	.
02	840627	06	1541	3	03.2	01.8	2	10.6	.444	28.7	07.48	0.123
02	840627	06	1541	3	03.2	01.8	2	.	.	.	.	.

```
DO2C DO2SAT FLDI  FLOW  LTT   LIGHT   WE HCH WCH WCO UNI CTT SHT

                       .  010 00208.00 05
 9.63    96    180  010.28 100 00158.00 07
               000  007.98 010 00170.00 07
               180  010.66 010 00171.00 07
                       .  010 00170.00 07
 7.56    83    000  015.44 100 00115.00 07
               000  015.44 010 00129.00 07
               000  014.68 010 00129.00 07
                       .  010 00125.00 07
 7.53    83    000  009.51 100 00105.00 07
               000  010.09 010 00097.00 07
               000  008.94 010 00095.00 07
                       .  010 00098.00 07
 7.50    83    000  008.94 100 00109.00 07
               000  012.19 010 00111.00 07
               000  011.43 010 00114.00 07
                       .  010 00109.00 07
 7.50    83    000  010.47 100 00099.00 07
               000  012.77 010 00100.00 07
               000  011.62 010 00096.00 07
                       .  010 00100.00 07
 7.48    83    000  007.79 100 00084.00 07
               000  008.94 010 00084.00 07
               000  008.75 010 00080.00 07
                       .  010 00082.00 07
 7.51    83    000  005.11 100 00063.00 07
               000  005.69 010 00069.00 07
               000  007.03 010 00072.00 07
                       .  010 00070.00 07
10.02    99    180  028.07 100 00214.00 07
               180  026.73 010 00213.00 07
               180  026.35 010 00251.00 07
                       .  010 00194.00 07
 9.75    97    225  022.91 100 00125.00 07
               225  023.29 010 00129.00 07
               225  022.71 010 00131.00 07
                       .  010 00127.00 07
 9.25    94    225  014.87 100 00117.00 07
               225  015.83 010 00101.00 07
               225  018.12 010 00103.00 07
                       .  010 00103.00 07
 7.93    88    000  006.64 100 00151.00 07
               180  007.60 010 00125.00 07
               000  006.84 010 00129.00 07
                       .  010 00133.00 07
 7.80    86    225  008.17 100 00178.00 07
               225  008.37 010 00163.00 07
               225  008.17 010 00168.00 07
                       .  010 00165.00 07
 7.63    84    270  007.03 100 00139.00 07
               270  008.17 010 00142.00 07
               270  008.56 010 00140.00 07
                       .  010 00137.00 07
 7.63    84    190  006.84 100 00123.00 07
               190  006.45 010 00134.00 07
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TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
02	840627	06	1541	3	03.2	01.8	2	.	.	.	.	.
02	840627	06	1541	3	03.2	01.8	2	.	.	.	.	.
02	840627	06	1543	3	03.2	02.1	3	10.7	.445	28.8	07.48	0.120
02	840627	06	1543	3	03.2	02.1	3	.	.	.	.	.
02	840627	06	1543	3	03.2	02.1	3	.	.	.	.	.
02	840627	06	1543	3	03.2	02.1	3	.	.	.	.	.
02	840627	06	1546	3	03.3	02.4	3	10.7	.446	28.8	07.48	0.116
02	840627	06	1546	3	03.3	02.4	3	.	.	.	.	.
02	840627	06	1546	3	03.3	02.4	3	.	.	.	.	.
02	840627	06	1546	3	03.3	02.4	3	.	.	.	.	.
02	840627	07	0935	6	00.9	00.0	1	11.7	.216	12.8	07.38	0.112
02	840627	07	0935	6	00.9	00.0	1	.	.	.	.	.
02	840627	07	0935	6	00.9	00.0	1	.	.	.	.	.
02	840627	07	0935	6	00.9	00.0	1	.	.	.	.	.
02	840627	07	0935	6	00.9	00.0	1	.	.	.	.	.
02	840627	07	0935	6	00.9	00.0	1	.	.	.	.	.
02	840627	07	0935	6	00.9	00.0	1	.	.	.	.	.
02	840627	07	0935	6	00.9	00.0	1	.	.	.	.	.
02	840627	07	0935	6	00.9	00.0	1	.	.	.	.	.
02	840627	07	0935	6	00.9	00.0	1	.	.	.	.	.
02	840627	07	0938	6	00.9	00.3	1	11.6	.261	15.8	07.26	0.114
02	840627	07	0938	6	00.9	00.3	1	.	.	.	.	.
02	840627	07	0938	6	00.9	00.3	1	.	.	.	.	.
02	840627	07	0938	6	00.9	00.3	1	.	.	.	.	.
02	840627	07	1712	3	04.0	00.0	1	11.7	.130	07.3	07.52	0.124
02	840627	07	1712	3	04.0	00.0	1	.	.	.	.	.
02	840627	07	1712	3	04.0	00.0	1	.	.	.	.	.
02	840627	07	1712	3	04.0	00.0	1	.	.	.	.	.
02	840627	07	1714	3	04.0	00.3	1	11.7	.167	09.6	07.55	0.127
02	840627	07	1714	3	04.0	00.3	1	.	.	.	.	.
02	840627	07	1714	3	04.0	00.3	1	.	.	.	.	.
02	840627	07	1714	3	04.0	00.3	1	.	.	.	.	.
02	840627	07	1717	3	04.1	00.6	1	11.5	.233	14.0	07.56	0.132
02	840627	07	1717	3	04.1	00.6	1	.	.	.	.	.
02	840627	07	1717	3	04.1	00.6	1	.	.	.	.	.
02	840627	07	1717	3	04.1	00.6	1	.	.	.	.	.
02	840627	07	1720	3	04.1	00.9	1	10.7	.428	27.5	07.48	0.139
02	840627	07	1720	3	04.1	00.9	1	.	.	.	.	.
02	840627	07	1720	3	04.1	00.9	1	.	.	.	.	.
02	840627	07	1720	3	04.1	00.9	1	.	.	.	.	.
02	840627	07	1722	3	04.1	01.2	2	10.6	.428	27.5	07.48	0.139
02	840627	07	1722	3	04.1	01.2	2	.	.	.	.	.
02	840627	07	1722	3	04.1	01.2	2	.	.	.	.	.
02	840627	07	1722	3	04.1	01.2	2	.	.	.	.	.
02	840627	07	1725	3	04.0	01.5	2	10.5	.445	28.8	07.48	0.137
02	840627	07	1725	3	04.0	01.5	2	.	.	.	.	.
02	840627	07	1725	3	04.0	01.5	2	.	.	.	.	.
02	840627	07	1725	3	04.0	01.5	2	.	.	.	.	.
02	840627	07	1729	3	04.0	01.8	2	10.5	.446	28.8	07.46	0.132
02	840627	07	1729	3	04.0	01.8	2	.	.	.	.	.
02	840627	07	1729	3	04.0	01.8	2	.	.	.	.	.
02	840627	07	1729	3	04.0	01.8	2	.	.	.	.	.
03	840723	05	1625	5	03.5	00.0	1	16.8	.109	05.9	07.80	0.125
03	840723	05	1625	5	03.5	00.0	1	.	.	.	.	.
03	840723	05	1625	5	03.5	00.0	1	.	.	.	.	.

D02C	D02SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WC0	UNI	CTT	SHT
		190	006.45	010	00131.00	07						
			.	010	00135.00	07						
7.54	84	190	007.79	100	00081.00	07						
		190	006.84	010	00084.00	07						
		190	006.84	010	00086.00	07						
			.	010	00085.00	07						
7.46	83	190	006.64	100	00103.00	07						
		190	007.22	010	00100.00	07						
		190	006.64	010	00108.00	07						
			.	010	00104.00	07						
8.86	91		000.00	100	00120.00	06	000	000	000	000	000	000
			.	010	00129.00	06	000	000	000	000	000	000
			.	010	00128.00	06	000	000	000	000	000	000
			.	010	00126.00	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
			.		.	06	000	000	000	000	000	000
8.39	87		000.00	100	00089.00	06						
			.	010	00085.00	06						
			.	010	00084.00	06						
			.	010	00084.00	06						
9.69	96	180	037.29	100	00241.00	07						
		180	033.26	010	00361.00	07						
		180	033.99	010	00363.00	07						
			.	010	00288.00	07						
9.38	94	180	029.22	100	00154.00	07						
		180	027.11	010	00154.00	07						
		180	026.54	010	00153.00	07						
			.	010	00153.00	07						
8.98	92	180	019.46	100	00134.00	07						
		180	018.70	010	00131.00	07						
		225	019.27	010	00132.00	07						
			.	010	00134.00	07						
7.64	84	180	006.26	100	00120.00	07						
		225	005.69	010	00115.00	07						
		225	006.26	010	00116.00	07						
			.	010	00119.00	07						
7.73	85	270	007.60	100	00110.00	07						
		270	007.22	010	00110.00	07						
		270	007.41	010	00107.00	07						
			.	010	00108.00	07						
7.60	84	000	007.79	100	00084.00	07						
		000	005.88	010	00090.00	07						
		000	007.22	010	00089.00	07						
			.	010	00090.00	07						
7.60	84	000	006.64	100	00068.00	07						
		000	006.26	010	00073.00	07						
		000	006.64	010	00071.00	07						
			.	010	00071.00	07						
8.46	93	135	016.40	100	01340.00	01	000	000	000	000	000	000
		135	015.64	010	01350.00	01	000	000	000	000	000	000
		135	015.64	010	01330.00	01	000	000	000	000	000	000

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840723	05	1625	5	03.5	00.0	1	.	.	.	.	.
03	840723	05	1625	5	03.5	00.0	1	.	.	.	.	.
03	840723	05	1625	5	03.5	00.0	1	.	.	.	.	.
03	840723	05	1625	5	03.5	00.0	1	.	.	.	.	.
03	840723	05	1625	5	03.5	00.0	1	.	.	.	.	.
03	840723	05	1625	5	03.5	00.0	1	.	.	.	.	.
03	840723	05	1625	5	03.5	00.0	1	.	.	.	.	.
03	840723	05	1627	5	03.5	00.3	1	15.8	.142	08.0	07.96	0.123
03	840723	05	1627	5	03.5	00.3	1	.	.	.	.	.
03	840723	05	1627	5	03.5	00.3	1	.	.	.	.	.
03	840723	05	1627	5	03.5	00.3	1	.	.	.	.	.
03	840723	05	1630	5	03.5	00.6	1	13.0	.326	20.3	08.16	0.131
03	840723	05	1630	5	03.5	00.6	1	.	.	.	.	.
03	840723	05	1630	5	03.5	00.6	1	.	.	.	.	.
03	840723	05	1630	5	03.5	00.6	1	.	.	.	.	.
03	840723	05	1632	5	03.5	00.9	1	10.7	.449	29.1	08.20	0.133
03	840723	05	1632	5	03.5	00.9	1	.	.	.	.	.
03	840723	05	1632	5	03.5	00.9	1	.	.	.	.	.
03	840723	05	1632	5	03.5	00.9	1	.	.	.	.	.
03	840723	05	1635	5	03.5	01.2	2	10.5	.451	29.2	08.07	0.121
03	840723	05	1635	5	03.5	01.2	2	.	.	.	.	.
03	840723	05	1635	5	03.5	01.2	2	.	.	.	.	.
03	840723	05	1635	5	03.5	01.2	2	.	.	.	.	.
03	840723	05	1635	5	03.5	01.2	2	.	.	.	.	.
03	840723	05	1635	5	03.5	01.2	2	.	.	.	.	.
03	840723	05	1635	5	03.5	01.2	2	.	.	.	.	.
03	840723	05	1635	5	03.5	01.2	2	.	.	.	.	.
03	840723	05	1635	5	03.5	01.2	2	.	.	.	.	.
03	840723	05	1635	5	03.5	01.2	2	.	.	.	.	.
03	840723	05	1638	5	03.5	01.5	2	10.3	.454	29.4	08.01	0.110
03	840723	05	1638	5	03.5	01.5	2	.	.	.	.	.
03	840723	05	1638	5	03.5	01.5	2	.	.	.	.	.
03	840723	05	1638	5	03.5	01.5	2	.	.	.	.	.
03	840723	05	1641	5	03.5	01.8	2	10.2	.454	29.4	07.96	0.100
03	840723	05	1641	5	03.5	01.8	2	.	.	.	.	.
03	840723	05	1641	5	03.5	01.8	2	.	.	.	.	.
03	840723	05	1641	5	03.5	01.8	2	.	.	.	.	.
03	840723	06	1725	6	03.4	00.0	1	15.8	.113	06.2	07.64	0.110
03	840723	06	1725	6	03.4	00.0	1	.	.	.	.	.
03	840723	06	1725	6	03.4	00.0	1	.	.	.	.	.
03	840723	06	1725	6	03.4	00.0	1	.	.	.	.	.
03	840723	06	1725	6	03.4	00.0	1	.	.	.	.	.
03	840723	06	1725	6	03.4	00.0	1	.	.	.	.	.
03	840723	06	1725	6	03.4	00.0	1	.	.	.	.	.
03	840723	06	1725	6	03.4	00.0	1	.	.	.	.	.
03	840723	06	1725	6	03.4	00.0	1	.	.	.	.	.
03	840723	06	1725	6	03.4	00.0	1	.	.	.	.	.
03	840723	06	1728	6	03.4	00.3	1	15.8	.144	08.1	07.77	0.113
03	840723	06	1728	6	03.4	00.3	1	.	.	.	.	.
03	840723	06	1728	6	03.4	00.3	1	.	.	.	.	.
03	840723	06	1728	6	03.4	00.3	1	.	.	.	.	.
03	840723	06	1732	6	03.4	00.6	1	11.3	.442	28.5	07.97	0.126
03	840723	06	1732	6	03.4	00.6	1	.	.	.	.	.
03	840723	06	1732	6	03.4	00.6	1	.	.	.	.	.
03	840723	06	1732	6	03.4	00.6	1	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
			.	010	01360.00	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
8.58	93	135	009.90	100	01180.00	01						
		135	010.47	010	01170.00	01						
		135	010.47	010	01190.00	01						
			.	010	01170.00	01						
7.56	83	090	004.35	100	00930.00	01						
		090	004.35	010	00940.00	01						
		045	004.73	010	00930.00	01						
			.	010	00930.00	01						
7.78	86	000	011.24	100	00800.00	01						
		000	010.47	010	00800.00	01						
		000	010.85	010	00820.00	01						
			.	010	00800.00	01						
7.88	87	000	009.32	100	00710.00	01	000	000	000	000	000	000
		000	012.38	010	00740.00	01	000	000	000	000	000	000
		000	011.24	010	00720.00	01	000	000	000	000	000	000
			.	010	00710.00	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
7.76	86	000	012.77	100	00640.00	01						
		000	014.30	010	00630.00	01						
		000	012.38	010	00630.00	01						
			.	010	00660.00	01						
7.75	85	090	005.11	100	00560.00	01						
		090	006.26	010	00600.00	01						
		090	005.50	010	00550.00	01						
			.	010	00560.00	01						
9.36	100	180	028.07	100	00950.00	01	000	000	000	000	000	000
		180	029.96	010	00950.00	01	000	000	000	000	000	000
		180	029.41	010	00920.00	01	000	000	000	000	000	000
			.	010	00950.00	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
8.97	97	180	022.71	100	00780.00	01						
		180	021.57	010	00780.00	01						
		180	020.61	010	00800.00	01						
			.	010	00780.00	01						
8.13	91	000	007.03	100	00600.00	01						
		000	014.68	010	00620.00	01						
		000	015.44	010	00600.00	01						
			.	010	00600.00	01						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840723	06	1735	6	03.4	00.9	1	10.5	.452	29.3	07.98	0.125
03	840723	06	1735	6	03.4	00.9	1	.	.	.	.	.
03	840723	06	1735	6	03.4	00.9	1	.	.	.	.	.
03	840723	06	1735	6	03.4	00.9	1	.	.	.	.	.
03	840723	06	1737	6	03.4	01.2	2	10.4	.453	29.3	07.95	0.125
03	840723	06	1737	6	03.4	01.2	2	.	.	.	.	.
03	840723	06	1737	6	03.4	01.2	2	.	.	.	.	.
03	840723	06	1737	6	03.4	01.2	2	.	.	.	.	.
03	840723	06	1737	6	03.4	01.2	2	.	.	.	.	.
03	840723	06	1737	6	03.4	01.2	2	.	.	.	.	.
03	840723	06	1737	6	03.4	01.2	2	.	.	.	.	.
03	840723	06	1737	6	03.4	01.2	2	.	.	.	.	.
03	840723	06	1737	6	03.4	01.2	2	.	.	.	.	.
03	840723	06	1737	6	03.4	01.2	2	.	.	.	.	.
03	840723	06	1740	6	03.4	01.5	2	10.4	.453	29.3	07.95	0.125
03	840723	06	1740	6	03.4	01.5	2	.	.	.	.	.
03	840723	06	1740	6	03.4	01.5	2	.	.	.	.	.
03	840723	06	1740	6	03.4	01.5	2	.	.	.	.	.
03	840723	06	1742	6	03.4	01.8	2	10.3	.454	29.4	07.93	0.120
03	840723	06	1742	6	03.4	01.8	2	.	.	.	.	.
03	840723	06	1742	6	03.4	01.8	2	.	.	.	.	.
03	840723	06	1742	6	03.4	01.8	2	.	.	.	.	.
03	840723	06	1745	6	03.4	02.1	3	10.3	.454	29.4	07.93	0.111
03	840723	06	1745	6	03.4	02.1	3	.	.	.	.	.
03	840723	06	1745	6	03.4	02.1	3	.	.	.	.	.
03	840723	06	1745	6	03.4	02.1	3	.	.	.	.	.
03	840723	06	1745	6	03.4	02.1	3	.	.	.	.	.
03	840723	06	1745	6	03.4	02.1	3	.	.	.	.	.
03	840723	06	1745	6	03.4	02.1	3	.	.	.	.	.
03	840723	06	1745	6	03.4	02.1	3	.	.	.	.	.
03	840723	06	1745	6	03.4	02.1	3	.	.	.	.	.
03	840723	06	1745	6	03.4	02.1	3	.	.	.	.	.
03	840723	06	1747	6	03.4	02.4	3	10.3	.454	29.4	07.92	0.102
03	840723	06	1747	6	03.4	02.4	3	.	.	.	.	.
03	840723	06	1747	6	03.4	02.4	3	.	.	.	.	.
03	840723	06	1747	6	03.4	02.4	3	.	.	.	.	.
03	840723	06	1750	6	03.4	02.7	3	10.3	.454	29.4	07.91	0.097
03	840723	06	1750	6	03.4	02.7	3	.	.	.	.	.
03	840723	06	1750	6	03.4	02.7	3	.	.	.	.	.
03	840723	06	1750	6	03.4	02.7	3	.	.	.	.	.
03	840723	07	1700	5	03.4	00.0	1	17.1	.082	04.3	07.72	0.111
03	840723	07	1700	5	03.4	00.0	1	.	.	.	.	.
03	840723	07	1700	5	03.4	00.0	1	.	.	.	.	.
03	840723	07	1700	5	03.4	00.0	1	.	.	.	.	.
03	840723	07	1700	5	03.4	00.0	1	.	.	.	.	.
03	840723	07	1700	5	03.4	00.0	1	.	.	.	.	.
03	840723	07	1700	5	03.4	00.0	1	.	.	.	.	.
03	840723	07	1700	5	03.4	00.0	1	.	.	.	.	.
03	840723	07	1700	5	03.4	00.0	1	.	.	.	.	.
03	840723	07	1700	5	03.4	00.0	1	.	.	.	.	.
03	840723	07	1703	5	03.4	00.3	1	15.9	.146	08.2	07.79	0.120
03	840723	07	1703	5	03.4	00.3	1	.	.	.	.	.
03	840723	07	1703	5	03.4	00.3	1	.	.	.	.	.
03	840723	07	1703	5	03.4	00.3	1	.	.	.	.	.
03	840723	07	1707	5	03.4	00.6	1	11.1	.417	26.7	08.05	0.134

```
D02C D02SAT FLDI  FLOW  LTT   LIGHT  WE HCH WCH WCO UNI CTT SHT

8.06   89   000  012.38 100 00450.00 01
            000  021.95 010 00470.00 01
            000  012.00 010 00430.00 01
                    .   010 00460.00 01
8.25   91   000  012.38 100 00210.00 01 000 000 000 000 000 000
            000  010.85 010 00370.00 01 000 000 000 000 000 000
            000  010.66 010 00300.00 01 000 000 000 000 000 000
                    .   010 00240.00 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
8.30   92   000  012.38 100 00250.00 01
            000  011.81 010 00260.00 01
            000  011.81 010 00280.00 01
                    .   010 00280.00 01
8.34   92   000  010.85 100 00240.00 01
            000  012.57 010 00270.00 01
            000  012.19 010 00260.00 01
                    .   010 00290.00 01
8.46   93   000  008.94 100 00210.00 01 000 000 000 000 000 000
            000  008.94 010 00220.00 01 000 000 000 000 000 000
            000  008.94 010 00230.00 01 000 000 000 000 000 000
                    .   010 00220.00 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
8.45   93   000  008.17 100 00200.00 01
            000  006.45 010 00220.00 01
            000  006.64 010 00220.00 01
                    .   010 00230.00 01
8.42   93   000  008.94 100 00190.00 01
            000  007.22 010 00190.00 01
            000  007.03 010 00190.00 01
                    .   010 00180.00 01
9.17  100   180  018.12 100 01100.00 01 000 000 000 000 000 000
            180  017.55 010 01160.00 01 000 000 000 000 000 000
            180  024.82 010 01090.00 01 000 000 000 000 000 000
                    .   010 01070.00 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
                    .              . 01 000 000 000 000 000 000
8.59   94   090  013.53 100 00900.00 01
            090  011.43 010 00880.00 01
            090  011.24 010 00860.00 01
                    .   010 00920.00 01
7.17   79   045  005.50 100 00750.00 01
```

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840723	07	1707	5	03.4	00.6	1	.	.	.	.	.
03	840723	07	1707	5	03.4	00.6	1	.	.	.	.	.
03	840723	07	1707	5	03.4	00.6	1	.	.	.	.	.
03	840723	07	1710	5	03.4	00.9	1	10.3	.452	29.3	08.01	0.136
03	840723	07	1710	5	03.4	00.9	1	.	.	.	.	.
03	840723	07	1710	5	03.4	00.9	1	.	.	.	.	.
03	840723	07	1710	5	03.4	00.9	1	.	.	.	.	.
03	840723	07	1713	5	03.4	01.2	2	10.3	.452	29.3	07.99	0.135
03	840723	07	1713	5	03.4	01.2	2	.	.	.	.	.
03	840723	07	1713	5	03.4	01.2	2	.	.	.	.	.
03	840723	07	1713	5	03.4	01.2	2	.	.	.	.	.
03	840723	07	1713	5	03.4	01.2	2	.	.	.	.	.
03	840723	07	1713	5	03.4	01.2	2	.	.	.	.	.
03	840723	07	1713	5	03.4	01.2	2	.	.	.	.	.
03	840723	07	1713	5	03.4	01.2	2	.	.	.	.	.
03	840723	07	1713	5	03.4	01.2	2	.	.	.	.	.
03	840723	07	1713	5	03.4	01.2	2	.	.	.	.	.
03	840723	07	1716	5	03.4	01.5	2	10.3	.453	29.3	07.96	0.132
03	840723	07	1716	5	03.4	01.5	2	.	.	.	.	.
03	840723	07	1716	5	03.4	01.5	2	.	.	.	.	.
03	840723	07	1716	5	03.4	01.5	2	.	.	.	.	.
03	840723	07	1720	5	03.4	01.8	2	10.2	.454	29.4	07.94	0.129
03	840723	07	1720	5	03.4	01.8	2	.	.	.	.	.
03	840723	07	1720	5	03.4	01.8	2	.	.	.	.	.
03	840723	07	1720	5	03.4	01.8	2	.	.	.	.	.
03	840724	01	1745	5	03.7	00.0	1	18.3	.019	00.9	07.26	0.131
03	840724	01	1745	5	03.7	00.0	1	.	.	.	.	.
03	840724	01	1745	5	03.7	00.0	1	.	.	.	.	.
03	840724	01	1745	5	03.7	00.0	1	.	.	.	.	.
03	840724	01	1745	5	03.7	00.0	1	.	.	.	.	.
03	840724	01	1745	5	03.7	00.0	1	.	.	.	.	.
03	840724	01	1745	5	03.7	00.0	1	.	.	.	.	.
03	840724	01	1745	5	03.7	00.0	1	.	.	.	.	.
03	840724	01	1745	5	03.7	00.0	1	.	.	.	.	.
03	840724	01	1745	5	03.7	00.0	1	.	.	.	.	.
03	840724	01	1747	5	03.7	00.3	1	18.2	.023	01.0	07.21	0.138
03	840724	01	1747	5	03.7	00.3	1	.	.	.	.	.
03	840724	01	1747	5	03.7	00.3	1	.	.	.	.	.
03	840724	01	1747	5	03.7	00.3	1	.	.	.	.	.
03	840724	01	1750	5	03.7	00.6	1	18.0	.034	01.6	07.23	0.142
03	840724	01	1750	5	03.7	00.6	1	.	.	.	.	.
03	840724	01	1750	5	03.7	00.6	1	.	.	.	.	.
03	840724	01	1750	5	03.7	00.6	1	.	.	.	.	.
03	840724	01	1753	5	03.6	00.9	1	17.0	.077	04.0	07.44	0.148
03	840724	01	1753	5	03.6	00.9	1	.	.	.	.	.
03	840724	01	1753	5	03.6	00.9	1	.	.	.	.	.
03	840724	01	1753	5	03.6	00.9	1	.	.	.	.	.
03	840724	01	1756	5	03.6	01.2	2	13.9	.262	15.9	07.96	0.150
03	840724	01	1756	5	03.6	01.2	2	.	.	.	.	.
03	840724	01	1756	5	03.6	01.2	2	.	.	.	.	.
03	840724	01	1756	5	03.6	01.2	2	.	.	.	.	.
03	840724	01	1756	5	03.6	01.2	2	.	.	.	.	.
03	840724	01	1756	5	03.6	01.2	2	.	.	.	.	.
03	840724	01	1756	5	03.6	01.2	2	.	.	.	.	.
03	840724	01	1756	5	03.6	01.2	2	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
		045	005.88	010	00770.00	01						
		045	006.26	010	00780.00	01						
			.	010	00760.00	01						
7.65	84	000	008.94	100	00640.00	01						
		000	008.94	010	00640.00	01						
		000	009.13	010	00630.00	01						
			.	010	00640.00	01						
7.69	85	000	006.26	100	00550.00	00	100	000	000	000	000	000
		000	007.03	010	00550.00	00	100	000	000	000	000	000
		000	007.60	010	00560.00	00	100	000	000	000	000	000
			.	010	00570.00	00	100	000	000	000	000	000
			.		.	00	100	000	000	000	000	000
			.		.	00	100	000	000	000	000	000
			.		.	00	100	000	000	000	000	000
			.		.	00	100	000	000	000	000	000
			.		.	00	100	000	000	000	000	000
			.		.	00	100	000	000	000	000	000
7.91	87	045	007.22	100	00470.00	01						
		045	000.00	010	00480.00	01						
		045	004.35	010	00470.00	01						
			.	010	00460.00	01						
7.98	88	045	005.11	100	00430.00	01						
		045	004.73	010	00410.00	01						
		045	005.11	010	00420.00	01						
			.	010	00440.00	01						
9.04	99		000.00	100	00760.00	01	000	000	000	000	000	000
			000.00	010	00780.00	01	000	000	000	000	000	000
			000.00	010	00780.00	01	000	000	000	000	000	000
			.	010	00770.00	01	000	000	000	000	001	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
8.75	96		000.00	100	00580.00	01						
			000.00	010	00600.00	01						
			000.00	010	00590.00	01						
			.	010	00590.00	01						
8.93	98		000.00	100	00460.00	01						
			000.00	010	00470.00	01						
			000.00	010	00470.00	01						
			.	010	00470.00	01						
8.37	91		000.00	100	00360.00	01						
			000.00	010	00380.00	01						
			000.00	010	00370.00	01						
			.	010	00380.00	01						
8.10	89		000.00	100	00290.00	01	000	000	000	000	000	000
			000.00	010	00300.00	01	000	000	000	000	000	000
			000.00	010	00310.00	01	001	001	000	000	000	000
			.	010	00300.00	01	001	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840724	01	1756	5	03.6	01.2	2	.	.	.	.	.
03	840724	01	1756	5	03.6	01.2	2	.	.	.	.	.
03	840724	01	1800	5	03.6	01.5	2	12.3	.372	23.5	07.98	0.152
03	840724	01	1800	5	03.6	01.5	2	.	.	.	.	.
03	840724	01	1800	5	03.6	01.5	2	.	.	.	.	.
03	840724	01	1800	5	03.6	01.5	2	.	.	.	.	.
03	840724	02	1704	5	03.7	00.0	1	16.5	.030	01.4	07.60	0.137
03	840724	02	1704	5	03.7	00.0	1	.	.	.	.	.
03	840724	02	1704	5	03.7	00.0	1	.	.	.	.	.
03	840724	02	1704	5	03.7	00.0	1	.	.	.	.	.
03	840724	02	1704	5	03.7	00.0	1	.	.	.	.	.
03	840724	02	1704	5	03.7	00.0	1	.	.	.	.	.
03	840724	02	1704	5	03.7	00.0	1	.	.	.	.	.
03	840724	02	1704	5	03.7	00.0	1	.	.	.	.	.
03	840724	02	1704	5	03.7	00.0	1	.	.	.	.	.
03	840724	02	1704	5	03.7	00.0	1	.	.	.	.	.
03	840724	02	1707	5	03.7	00.3	1	16.6	.026	01.2	07.63	0.141
03	840724	02	1707	5	03.7	00.3	1	.	.	.	.	.
03	840724	02	1707	5	03.7	00.3	1	.	.	.	.	.
03	840724	02	1707	5	03.7	00.3	1	.	.	.	.	.
03	840724	02	1710	5	03.7	00.6	1	16.5	.030	01.4	07.66	0.144
03	840724	02	1710	5	03.7	00.6	1	.	.	.	.	.
03	840724	02	1710	5	03.7	00.6	1	.	.	.	.	.
03	840724	02	1710	5	03.7	00.6	1	.	.	.	.	.
03	840724	02	1712	5	03.7	00.9	1	16.2	.054	02.7	07.66	0.152
03	840724	02	1712	5	03.7	00.9	1	.	.	.	.	.
03	840724	02	1712	5	03.7	00.9	1	.	.	.	.	.
03	840724	02	1712	5	03.7	00.9	1	.	.	.	.	.
03	840724	02	1715	5	03.7	01.2	2	13.5	.233	14.0	07.93	0.160
03	840724	02	1715	5	03.7	01.2	2	.	.	.	.	.
03	840724	02	1715	5	03.7	01.2	2	.	.	.	.	.
03	840724	02	1715	5	03.7	01.2	2	.	.	.	.	.
03	840724	02	1715	5	03.7	01.2	2	.	.	.	.	.
03	840724	02	1715	5	03.7	01.2	2	.	.	.	.	.
03	840724	02	1715	5	03.7	01.2	2	.	.	.	.	.
03	840724	02	1715	5	03.7	01.2	2	.	.	.	.	.
03	840724	02	1715	5	03.7	01.2	2	.	.	.	.	.
03	840724	02	1715	5	03.7	01.2	2	.	.	.	.	.
03	840724	02	1718	5	03.7	01.5	2	11.7	.380	24.1	07.94	0.159
03	840724	02	1718	5	03.7	01.5	2	.	.	.	.	.
03	840724	02	1718	5	03.7	01.5	2	.	.	.	.	.
03	840724	02	1718	5	03.7	01.5	2	.	.	.	.	.
03	840724	02	1722	5	03.7	01.8	2	10.5	.448	29.0	07.93	0.144
03	840724	02	1722	5	03.7	01.8	2	.	.	.	.	.
03	840724	02	1722	5	03.7	01.8	2	.	.	.	.	.
03	840724	02	1722	5	03.7	01.8	2	.	.	.	.	.
03	840724	02	1726	5	03.7	02.1	3	10.4	.449	29.1	07.89	0.129
03	840724	02	1726	5	03.7	02.1	3	.	.	.	.	.
03	840724	02	1726	5	03.7	02.1	3	.	.	.	.	.
03	840724	02	1726	5	03.7	02.1	3	.	.	.	.	.
03	840724	02	1726	5	03.7	02.1	3	.	.	.	.	.
03	840724	02	1726	5	03.7	02.1	3	.	.	.	.	.
03	840724	02	1726	5	03.7	02.1	3	.	.	.	.	.
03	840724	02	1726	5	03.7	02.1	3	.	.	.	.	.
03	840724	02	1726	5	03.7	02.1	3	.	.	.	.	.

```
DO2C DO2SAT FLDI  FLOW  LTT   LIGHT   WE HCH WCH WCO UNI CTT SHT

                    .              .  01 000 000 000 000 000 000
                    .              .  01 000 000 000 000 000 000
7.72   86         000.00 100 00250.00 01
                  000.00 010 00260.00 01
                  000.00 010 00250.00 01
                    .    010 00240.00 01
9.36   99   180   017.17 100 01050.00 01 000 008 000 000 000 000
            180   012.19 010 01090.00 01 000 003 000 000 000 000
            180   016.21 010 01080.00 01 003 003 000 000 000 000
                    .    010 01070.00 01 004 000 000 000 000 000
                    .              .  01 000 004 000 000 000 000
                    .              .  01 000 000 000 000 000 000
                    .              .  01 000 000 000 000 000 000
                    .              .  01 000 000 000 000 000 000
                    .              .  01 000 000 000 000 000 000
                    .              .  01 000 000 000 000 000 000
9.27   98   180   006.07 100 00760.00 01
                  000.00 010 00680.00 01
                  000.00 010 00740.00 01
                    .    010 00660.00 01
9.15   97         005.50 100 00550.00 01
                  000.00 010 00750.00 01
                  000.00 010 00460.00 01
                    .    010 00540.00 01
8.83   94   180   005.11 100 00630.00 01
            225   007.22 010 00450.00 01
            225   007.41 010 00440.00 01
                    .    010 00450.00 01
8.05   86   000   006.26 100 00510.00 01 007 002 000 000 000 000
            000   006.26 010 00490.00 01 000 001 000 000 000 000
            000   009.13 010 00510.00 01 000 003 000 000 000 000
                    .    010 00520.00 01 000 000 000 000 000 000
                    .              .  01 000 001 000 000 000 000
                    .              .  01 000 000 000 000 000 000
                    .              .  01 000 000 000 000 000 000
                    .              .  01 000 000 000 000 000 000
                    .              .  01 000 000 000 000 000 000
                    .              .  01 000 000 000 000 000 000
7.50   83   000   004.54 100 00430.00 01
            000   003.58 010 00410.00 01
                  000.00 010 00420.00 01
                    .    010 00410.00 01
7.67   85   000   005.88 100 00350.00 01
                  000.00 010 00360.00 01
                  000.00 010 00360.00 01
                    .    010 00360.00 01
7.79   86         000.00 100 00300.00 01 000 000 000 000 000 000
                  000.00 010 00290.00 01 000 000 000 000 000 000
                  000.00 010 00300.00 01 000 000 000 000 000 000
                    .    010 00300.00 01 000 000 000 000 000 000
                    .              .  01 000 000 000 000 000 000
                    .              .  01 000 000 000 000 000 000
                    .              .  01 000 000 000 000 000 000
                    .              .  01 000 000 000 000 000 000
                    .              .  01 000 000 000 000 000 000
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TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840724	02	1726	5	03.7	02.1	3	.	.	.	.	.
03	840724	02	1730	5	03.7	02.4	3	10.4	.450	29.1	07.86	0.120
03	840724	02	1730	5	03.7	02.4	3	.	.	.	.	.
03	840724	02	1730	5	03.7	02.4	3	.	.	.	.	.
03	840724	02	1730	5	03.7	02.4	3	.	.	.	.	.
03	840724	02	1735	5	03.7	02.7	3	10.4	.450	29.1	07.84	0.115
03	840724	02	1735	5	03.7	02.7	3	.	.	.	.	.
03	840724	02	1735	5	03.7	02.7	3	.	.	.	.	.
03	840724	02	1735	5	03.7	02.7	3	.	.	.	.	.
03	840724	03	1508	3	03.6	00.0	1	16.8	.002	00.1	07.38	0.178
03	840724	03	1508	3	03.6	00.0	1	.	.	.	.	.
03	840724	03	1508	3	03.6	00.0	1	.	.	.	.	.
03	840724	03	1508	3	03.6	00.0	1	.	.	.	.	.
03	840724	03	1508	3	03.6	00.0	1	.	.	.	.	.
03	840724	03	1508	3	03.6	00.0	1	.	.	.	.	.
03	840724	03	1508	3	03.6	00.0	1	.	.	.	.	.
03	840724	03	1508	3	03.6	00.0	1	.	.	.	.	.
03	840724	03	1508	3	03.6	00.0	1	.	.	.	.	.
03	840724	03	1508	3	03.6	00.0	1	.	.	.	.	.
03	840724	03	1512	3	03.6	00.3	1	16.7	.002	00.1	07.42	0.181
03	840724	03	1512	3	03.6	00.3	1	.	.	.	.	.
03	840724	03	1512	3	03.6	00.3	1	.	.	.	.	.
03	840724	03	1512	3	03.6	00.3	1	.	.	.	.	.
03	840724	03	1516	3	03.6	00.6	1	16.5	.003	00.1	07.49	0.179
03	840724	03	1516	3	03.6	00.6	1	.	.	.	.	.
03	840724	03	1516	3	03.6	00.6	1	.	.	.	.	.
03	840724	03	1516	3	03.6	00.6	1	.	.	.	.	.
03	840724	03	1520	3	03.7	00.9	1	16.3	.011	00.5	07.46	0.183
03	840724	03	1520	3	03.7	00.9	1	.	.	.	.	.
03	840724	03	1520	3	03.7	00.9	1	.	.	.	.	.
03	840724	03	1520	3	03.7	00.9	1	.	.	.	.	.
03	840724	03	1524	3	03.7	01.2	2	15.2	.140	07.9	07.85	0.189
03	840724	03	1524	3	03.7	01.2	2	.	.	.	.	.
03	840724	03	1524	3	03.7	01.2	2	.	.	.	.	.
03	840724	03	1524	3	03.7	01.2	2	.	.	.	.	.
03	840724	03	1524	3	03.7	01.2	2	.	.	.	.	.
03	840724	03	1524	3	03.7	01.2	2	.	.	.	.	.
03	840724	03	1524	3	03.7	01.2	2	.	.	.	.	.
03	840724	03	1524	3	03.7	01.2	2	.	.	.	.	.
03	840724	03	1524	3	03.7	01.2	2	.	.	.	.	.
03	840724	03	1524	3	03.7	01.2	2	.	.	.	.	.
03	840724	03	1530	3	03.7	01.5	2	12.8	.311	19.3	07.93	0.181
03	840724	03	1530	3	03.7	01.5	2	.	.	.	.	.
03	840724	03	1530	3	03.7	01.5	2	.	.	.	.	.
03	840724	03	1530	3	03.7	01.5	2	.	.	.	.	.
03	840724	03	1532	3	03.7	01.8	2	10.7	.443	28.6	07.93	0.176
03	840724	03	1532	3	03.7	01.8	2	.	.	.	.	.
03	840724	03	1532	3	03.7	01.8	2	.	.	.	.	.
03	840724	03	1532	3	03.7	01.8	2	.	.	.	.	.
03	840724	03	1535	3	03.7	02.1	3	10.5	.448	29.0	07.89	0.163
03	840724	03	1535	3	03.7	02.1	3	.	.	.	.	.
03	840724	03	1535	3	03.7	02.1	3	.	.	.	.	.
03	840724	03	1535	3	03.7	02.1	3	.	.	.	.	.
03	840724	03	1535	3	03.7	02.1	3	.	.	.	.	.
03	840724	03	1535	3	03.7	02.1	3	.	.	.	.	.

```
DO2C DO2SAT FLDI  FLOW   LTT   LIGHT    WE HCH WCH WCO UNI CTT SHT

                     .              .   01 000 000 000 000 000 000
7.85   87         000.00 100 00250.00 01
                  000.00 010 00250.00 01
                  000.00 010 00250.00 01
                     .   010 00250.00 01
7.90   87   000   004.35 100 00220.00 01
            000   003.77 010 00230.00 01
                  000.00 010 00230.00 01
                     .   010 00220.00 01
9.75  103   180   052.32 100 01930.00 01 000 000 000 000 000 000
            180   051.04 010 01880.00 01 000 000 000 000 000 000
            180   053.05 010 01850.00 01 000 000 000 000 000 000
                     .   010 01860.00 01 000 000 000 000 000 000
                     .              .   01 000 000 000 000 000 000
                     .              .   01 000 000 000 000 000 000
                     .              .   01 000 000 000 000 000 000
                     .              .   01 000 000 000 000 000 000
                     .              .   01 000 000 000 000 000 000
                     .              .   01 000 000 000 000 000 000
9.39   99   180   052.69 100 01190.00 01
            180   052.32 010 01160.00 01
            180   053.42 010 01190.00 01
                     .   010 01070.00 01
9.43   99   180   051.95 100 01360.00 01
            180   051.77 010 01390.00 01
            180   052.14 010 01370.00 01
                     .   010 01360.00 01
9.40   98   180   051.95 100 01240.00 01
            180   050.49 010 01260.00 01
            180   049.94 010 01260.00 01
                     .   010 01270.00 01
8.92   96   180   034.54 100 00910.00 01 000 000 000 000 000 000
            180   034.72 010 01040.00 01 000 000 000 000 000 000
            180   032.34 010 00990.00 01 000 000 001 000 000 000
                     .   010 00950.00 01 000 000 000 000 000 000
                     .              .   01 000 000 000 000 000 000
                     .              .   01 000 000 000 000 000 000
                     .              .   01 000 000 000 000 000 000
                     .              .   01 000 000 000 000 000 000
                     .              .   01 000 000 000 000 000 000
                     .              .   01 000 000 000 000 000 000
7.91   86   180   011.04 100 00800.00 01
            180   011.81 010 00840.00 01
            180   012.00 010 00810.00 01
                     .   010 00800.00 01
6.99   77   000   004.54 100 00720.00 01
            000   006.64 010 00700.00 01
            000   004.73 010 00710.00 01
                     .   010 00720.00 01
7.34   81   000   011.04 100 00630.00 01 000 000 000 000 000 000
            000   010.85 010 00630.00 01 000 000 000 000 000 000
            000   011.04 010 00640.00 01 000 000 000 000 000 000
                     .   010 00640.00 01 000 000 000 000 000 000
                     .              .   01 000 000 000 000 000 000
                     .              .   01 000 000 000 000 000 000
```

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840724	03	1535	3	03.7	02.1	3	.	.	.	.	.
03	840724	03	1535	3	03.7	02.1	3	.	.	.	.	.
03	840724	03	1535	3	03.7	02.1	3	.	.	.	.	.
03	840724	03	1535	3	03.7	02.1	3	.	.	.	.	.
03	840724	03	1537	3	03.8	02.4	3	10.3	.452	29.3	07.84	0.157
03	840724	03	1537	3	03.8	02.4	3	.	.	.	.	.
03	840724	03	1537	3	03.8	02.4	3	.	.	.	.	.
03	840724	03	1537	3	03.8	02.4	3	.	.	.	.	.
03	840724	03	1540	3	03.8	02.7	3	10.3	.453	29.3	07.82	0.154
03	840724	03	1540	3	03.8	02.7	3	.	.	.	.	.
03	840724	03	1540	3	03.8	02.7	3	.	.	.	.	.
03	840724	03	1540	3	03.8	02.7	3	.	.	.	.	.
03	840724	03	1543	3	03.8	03.0	3	10.2	.453	29.3	07.80	0.151
03	840724	03	1543	3	03.8	03.0	3	.	.	.	.	.
03	840724	03	1543	3	03.8	03.0	3	.	.	.	.	.
03	840724	03	1543	3	03.8	03.0	3	.	.	.	.	.
03	840724	03	1546	3	03.8	03.4	3	10.2	.454	29.4	07.79	0.149
03	840724	03	1546	3	03.8	03.4	3	.	.	.	.	.
03	840724	03	1546	3	03.8	03.4	3	.	.	.	.	.
03	840724	03	1546	3	03.8	03.4	3	.	.	.	.	.
03	840724	03	1552	3	03.8	03.7	3	10.2	.454	29.4	07.78	0.147
03	840724	03	1552	3	03.8	03.7	3	.	.	.	.	.
03	840724	03	1552	3	03.8	03.7	3	.	.	.	.	.
03	840724	03	1552	3	03.8	03.7	3	.	.	.	.	.
03	840724	04	1603	4	03.8	00.0	1	16.1	.016	00.8	07.46	0.137
03	840724	04	1603	4	03.8	00.0	1	.	.	.	.	.
03	840724	04	1603	4	03.8	00.0	1	.	.	.	.	.
03	840724	04	1603	4	03.8	00.0	1	.	.	.	.	.
03	840724	04	1603	4	03.8	00.0	1	.	.	.	.	.
03	840724	04	1603	4	03.8	00.0	1	.	.	.	.	.
03	840724	04	1603	4	03.8	00.0	1	.	.	.	.	.
03	840724	04	1603	4	03.8	00.0	1	.	.	.	.	.
03	840724	04	1603	4	03.8	00.0	1	.	.	.	.	.
03	840724	04	1603	4	03.8	00.0	1	.	.	.	.	.
03	840724	04	1606	4	03.8	00.3	1	16.0	.019	00.9	07.53	0.141
03	840724	04	1606	4	03.8	00.3	1	.	.	.	.	.
03	840724	04	1606	4	03.8	00.3	1	.	.	.	.	.
03	840724	04	1606	4	03.8	00.3	1	.	.	.	.	.
03	840724	04	1609	4	03.8	00.6	1	16.0	.023	01.1	07.57	0.144
03	840724	04	1609	4	03.8	00.6	1	.	.	.	.	.
03	840724	04	1609	4	03.8	00.9	1	15.0	.108	05.9	07.71	0.156
03	840724	04	1609	4	03.8	00.9	1	.	.	.	.	.
03	840724	04	1609	4	03.8	00.9	1	.	.	.	.	.
03	840724	04	1609	4	03.8	00.9	1	.	.	.	.	.
03	840724	04	1615	4	03.8	01.2	2	13.4	.240	14.4	07.90	0.156
03	840724	04	1615	4	03.8	01.2	2	.	.	.	.	.
03	840724	04	1615	4	03.8	01.2	2	.	.	.	.	.
03	840724	04	1615	4	03.8	01.2	2	.	.	.	.	.
03	840724	04	1615	4	03.8	01.2	2	.	.	.	.	.
03	840724	04	1615	4	03.8	01.2	2	.	.	.	.	.
03	840724	04	1615	4	03.8	01.2	2	.	.	.	.	.
03	840724	04	1615	4	03.8	01.2	2	.	.	.	.	.
03	840724	04	1615	4	03.8	01.2	2	.	.	.	.	.
03	840724	04	1615	4	03.8	01.2	2	.	.	.	.	.
03	840724	04	1620	4	03.8	01.5	2	12.9	.271	16.5	07.86	0.148

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DO2C DO2SAT FLDI  FLOW  LTT    LIGHT    WE HCH WCH WCO UNI CTT SHT

                      .            .   01 000 000 000 000 000 000
                      .            .   01 000 000 000 000 000 000
                      .            .   01 000 000 000 000 000 000
                      .            .   01 000 000 000 000 000 000
7.28    80    000  012.38 100 00560.00 01
              000  012.38 010 00560.00 01
              000  012.00 010 00570.00 01
                      .   010 00560.00 01
7.42    82    000  012.57 100 00520.00 01
              000  012.57 010 00520.00 01
              000  012.19 010 00510.00 01
                      .   010 00550.00 01
7.34    81    000  011.81 100 00470.00 01
              000  010.47 010 00480.00 01
              000  011.04 010 00470.00 01
                      .   010 00470.00 01
7.31    80    000  007.03 100 00410.00 01
              000  005.30 010 00410.00 01
              000  007.79 010 00410.00 01
                      .   010 00420.00 01
7.37    81    000  006.07 100 00380.00 01
              000  005.50 010 00380.00 01
              000  006.64 010 00380.00 01
                      .   010 00380.00 01
9.92   104    180  052.69 100 00180.00 01 000 000 000 000 000 000
              180  054.88 010 00183.00 01 000 005 000 000 000 000
              180  054.52 010 00179.00 01 000 001 000 000 000 000
                      .   010 00181.00 01 000 000 000 000 000 000
                      .            .   01 000 000 000 000 000 000
                      .            .   01 000 000 000 000 000 000
                      .            .   01 000 000 000 000 000 000
                      .            .   01 000 000 000 000 000 000
                      .            .   01 000 000 000 000 000 000
                      .            .   01 000 000 000 000 000 000
9.43    98    180  052.14 100 01150.00 01
              180  047.00 010 01070.00 01
              180  050.12 010 01040.00 01
                      .   010 01050.00 01
9.42    98    180  051.59 100 01150.00 01
              180  049.02 010 01170.00 01
9.00    95    180  036.37 100 00910.00 01
              180  033.81 010 00910.00 01
              180  036.37 010 00940.00 01
                      .   010 00880.00 01
8.30    89    180  019.08 100 00730.00 01 000 000 000 000 000 000
              180  019.27 010 00720.00 01 001 000 000 000 000 000
              180  019.46 010 00700.00 01 000 000 000 000 000 000
                      .   010 00750.00 01 000 000 000 000 000 000
                      .            .   01 000 000 000 000 000 000
                      .            .   01 000 000 000 000 000 000
                      .            .   01 000 000 000 000 000 000
                      .            .   01 000 000 000 000 000 000
                      .            .   01 000 000 000 000 000 000
                      .            .   01 000 000 000 000 000 000
8.56    92    090  004.92 100 00670.00 01
```

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840724	04	1620	4	03.8	01.5	2	.	.	.	.	.
03	840724	04	1620	4	03.8	01.5	2	.	.	.	.	.
03	840724	04	1620	4	03.8	01.5	2	.	.	.	.	.
03	840724	04	1626	4	03.7	01.8	2	10.7	.446	28.8	07.86	0.151
03	840724	04	1626	4	03.7	01.8	2	.	.	.	.	.
03	840724	04	1626	4	03.7	01.8	2	.	.	.	.	.
03	840724	04	1626	4	03.7	01.8	2	.	.	.	.	.
03	840724	05	0720	6	01.4	00.0	1	14.7	.105	05.7	07.69	0.101
03	840724	05	0720	6	01.4	00.0	1	.	.	.	.	.
03	840724	05	0720	6	01.4	00.0	1	.	.	.	.	.
03	840724	05	0720	6	01.4	00.0	1	.	.	.	.	.
03	840724	05	0720	6	01.4	00.0	1	.	.	.	.	.
03	840724	05	0720	6	01.4	00.0	1	.	.	.	.	.
03	840724	05	0720	6	01.4	00.0	1	.	.	.	.	.
03	840724	05	0720	6	01.4	00.0	1	.	.	.	.	.
03	840724	05	0720	6	01.4	00.0	1	.	.	.	.	.
03	840724	05	0720	6	01.4	00.0	1	.	.	.	.	.
03	840724	05	0725	6	01.4	00.3	1	14.6	.111	06.0	07.80	0.102
03	840724	05	0725	6	01.4	00.3	1	.	.	.	.	.
03	840724	05	0725	6	01.4	00.3	1	.	.	.	.	.
03	840724	05	0725	6	01.4	00.3	1	.	.	.	.	.
03	840724	06	0731	6	01.4	00.0	1	14.8	.111	06.0	07.73	0.109
03	840724	06	0731	6	01.4	00.0	1	.	.	.	.	.
03	840724	06	0731	6	01.4	00.0	1	.	.	.	.	.
03	840724	06	0731	6	01.4	00.0	1	.	.	.	.	.
03	840724	06	0731	6	01.4	00.0	1	.	.	.	.	.
03	840724	06	0731	6	01.4	00.0	1	.	.	.	.	.
03	840724	06	0731	6	01.4	00.0	1	.	.	.	.	.
03	840724	06	0731	6	01.4	00.0	1	.	.	.	.	.
03	840724	06	0731	6	01.4	00.0	1	.	.	.	.	.
03	840724	06	0731	6	01.4	00.0	1	.	.	.	.	.
03	840724	06	0735	6	01.3	00.3	1	14.7	.116	06.4	07.72	0.109
03	840724	06	0735	6	01.3	00.3	1	.	.	.	.	.
03	840724	06	0735	6	01.3	00.3	1	.	.	.	.	.
03	840724	06	0735	6	01.3	00.3	1	.	.	.	.	.
03	840724	06	0740	6	01.3	00.6	1	11.7	.369	23.3	07.74	0.087
03	840724	06	0740	6	01.3	00.6	1	.	.	.	.	.
03	840724	06	0740	6	01.3	00.6	1	.	.	.	.	.
03	840724	06	0740	6	01.3	00.6	1	.	.	.	.	.
03	840724	06	0745	6	01.3	00.9	1	11.2	.391	24.9	07.83	0.032
03	840724	06	0745	6	01.3	00.9	1	.	.	.	.	.
03	840724	06	0745	6	01.3	00.9	1	.	.	.	.	.
03	840724	06	0745	6	01.3	00.9	1	.	.	.	.	.
03	840724	07	0705	6	01.5	00.0	1	14.7	.104	05.7	07.63	0.107
03	840724	07	0705	6	01.5	00.0	1	.	.	.	.	.
03	840724	07	0705	6	01.5	00.0	1	.	.	.	.	.
03	840724	07	0705	6	01.5	00.0	1	.	.	.	.	.
03	840724	07	0705	6	01.5	00.0	1	.	.	.	.	.
03	840724	07	0705	6	01.5	00.0	1	.	.	.	.	.
03	840724	07	0705	6	01.5	00.0	1	.	.	.	.	.
03	840724	07	0705	6	01.5	00.0	1	.	.	.	.	.
03	840724	07	0705	6	01.5	00.0	1	.	.	.	.	.
03	840724	07	0705	6	01.5	00.0	1	.	.	.	.	.
03	840724	07	0709	6	01.5	00.3	1	14.7	.107	05.8	07.65	0.104
03	840724	07	0709	6	01.5	00.3	1	.	.	.	.	.

D02C	D02SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
		090	005.30	010	00640.00	01						
		090	004.73	010	00660.00	01						
			.	010	00650.00	01						
7.50	83	000	004.16	100	00560.00	01						
		000	004.16	010	00570.00	01						
		000	005.30	010	00570.00	01						
			.	010	00530.00	01						
8.83	93	180	004.35	100	00930.00	01	016	000	000	000	000	000
		180	004.73	010	00950.00	01	000	000	000	000	000	000
		180	004.54	010	01020.00	01	000	003	000	000	000	000
			.	010	00940.00	01	000	002	000	000	000	000
			.		.	01	001	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
9.08	95	180	003.58	100	00750.00	01						
		180	003.58	010	00770.00	01						
		180	003.39	010	00780.00	01						
			.	010	00770.00	01						
8.66	91	180	004.16	100	01000.00	01	000	000	000	000	000	000
		180	006.26	010	01100.00	01	000	000	000	000	000	000
		180	006.45	010	01020.00	01	000	000	000	000	000	000
			.	010	01020.00	01	002	000	000	000	000	000
			.		.	01	000	002	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	001	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	005	000	000	000	000
8.71	92	180	006.45	100	00820.00	01						
		180	006.64	010	00810.00	01						
		180	004.92	010	00830.00	01						
			.	010	00840.00	01						
6.35	69	225	004.16	100	00660.00	01						
			000.00	010	00650.00	01						
			000.00	010	00640.00	01						
			.	010	00650.00	01						
7.07	77		000.00	100	00600.00	01						
			.	010	00590.00	01						
			.	010	00590.00	01						
			.	010	00580.00	01						
8.89	93		000.00	100	00850.00	01	000	000	000	000	000	000
			000.00	010	00920.00	01	000	000	000	000	000	000
			000.00	010	00960.00	01	000	000	000	000	000	000
			.	010	00830.00	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
8.80	92		000.00	100	00720.00	01						
			000.00	010	00690.00	01						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840724	07	0709	6	01.5	00.3	1	.	.	.	.	.
03	840724	07	0709	6	01.5	00.3	1	.	.	.	.	.
03	840724	07	0714	6	01.4	00.6	1	14.6	.133	07.5	07.60	0.100
03	840724	07	0714	6	01.4	00.6	1	.	.	.	.	.
03	840724	07	0714	6	01.4	00.6	1	.	.	.	.	.
03	840724	07	0714	6	01.4	00.6	1	.	.	.	.	.
03	840725	01	0957	1	01.1	00.0	1	16.5	.035	01.7	07.44	0.151
03	840725	01	0957	1	01.1	00.0	1	.	.	.	.	.
03	840725	01	0957	1	01.1	00.0	1	.	.	.	.	.
03	840725	01	0957	1	01.1	00.0	1	.	.	.	.	.
03	840725	01	0957	1	01.1	00.0	1	.	.	.	.	.
03	840725	01	0957	1	01.1	00.0	1	.	.	.	.	.
03	840725	01	0957	1	01.1	00.0	1	.	.	.	.	.
03	840725	01	0957	1	01.1	00.0	1	.	.	.	.	.
03	840725	01	0957	1	01.1	00.0	1	.	.	.	.	.
03	840725	01	0957	1	01.1	00.0	1	.	.	.	.	.
03	840725	01	1000	1	01.2	00.3	1	16.6	.035	01.7	07.45	0.133
03	840725	01	1000	1	01.2	00.3	1	.	.	.	.	.
03	840725	01	1000	1	01.2	00.3	1	.	.	.	.	.
03	840725	01	1000	1	01.2	00.3	1	.	.	.	.	.
03	840725	01	1003	1	01.2	00.6	1	16.6	.034	01.6	07.45	0.121
03	840725	01	1003	1	01.2	00.6	1	.	.	.	.	.
03	840725	01	1003	1	01.2	00.6	1	.	.	.	.	.
03	840725	01	1003	1	01.2	00.6	1	.	.	.	.	.
03	840725	01	1007	1	01.2	00.9	1	16.6	.034	01.6	07.44	0.120
03	840725	01	1007	1	01.2	00.9	1	.	.	.	.	.
03	840725	01	1007	1	01.2	00.9	1	.	.	.	.	.
03	840725	01	1007	1	01.2	00.9	1	.	.	.	.	.
03	840725	02	0831	6	00.9	01.2	2	.	.	.	.	.
03	840725	02	0831	6	00.9	01.2	2	.	.	.	.	.
03	840725	02	0831	6	00.9	01.2	2	.	.	.	.	.
03	840725	02	0831	6	00.9	01.2	2	.	.	.	.	.
03	840725	02	0831	6	00.9	01.2	2	.	.	.	.	.
03	840725	02	0831	6	00.9	01.2	2	.	.	.	.	.
03	840725	02	0831	6	00.9	01.2	2	.	.	.	.	.
03	840725	02	0831	6	00.9	01.2	2	.	.	.	.	.
03	840725	02	0831	6	00.9	01.2	2	.	.	.	.	.
03	840725	02	0831	6	00.9	01.2	2	.	.	.	.	.
03	840725	02	0856	6	00.8	00.0	1	16.5	.015	00.7	07.43	0.056
03	840725	02	0856	6	00.8	00.0	1	.	.	.	.	.
03	840725	02	0856	6	00.8	00.0	1	.	.	.	.	.
03	840725	02	0856	6	00.8	00.0	1	.	.	.	.	.
03	840725	02	0856	6	00.8	00.0	1	.	.	.	.	.
03	840725	02	0856	6	00.8	00.0	1	.	.	.	.	.
03	840725	02	0856	6	00.8	00.0	1	.	.	.	.	.
03	840725	02	0856	6	00.8	00.0	1	.	.	.	.	.
03	840725	02	0856	6	00.8	00.0	1	.	.	.	.	.
03	840725	02	0856	6	00.8	00.0	1	.	.	.	.	.
03	840725	02	0859	6	00.7	00.3	1	.	.	.	.	.
03	840725	02	0859	6	00.7	00.3	1	.	.	.	.	.
03	840725	02	0902	6	00.7	00.6	1	16.5	.014	00.7	07.49	0.061
03	840725	02	0902	6	00.7	00.6	1	.	.	.	.	.
03	840725	02	0902	6	00.7	00.6	1	.	.	.	.	.
03	840725	02	0902	6	00.7	00.6	1	.	.	.	.	.
03	840725	02	0908	6	00.7	00.9	1	16.5	.014	00.7	07.49	0.064

```
DO2C DO2SAT FLDI  FLOW  LTT   LIGHT  WE HCH WCH WCO UNI CTT SHT

                 000.00 010 00690.00 01
                     .  010 00690.00 01
7.96     84      000.00 100 00580.00 01
                 000.00 010 00560.00 01
                 000.00 010 00570.00 01
                     .  010 00570.00 01
8.96     95 270  010.85 100 01030.00 01 000 000 000 000 000 000
            270  010.85 010 01080.00 01 000 000 000 000 000 000
            270  010.66 010 01070.00 01 000 000 000 000 000 000
                     .  010 01070.00 01 001 000 000 000 000 000
                     .           .  01 000 000 000 000 000 000
                     .           .  01 000 000 000 000 000 000
                     .           .  01 000 000 000 000 000 000
                     .           .  01 000 000 000 000 000 000
                     .           .  01 000 000 000 000 000 000
                     .           .  01 000 000 000 000 000 000
8.86     94 270  006.26 100 00810.00 01
            270  008.37 010 00790.00 01
            270  006.64 010 00800.00 01
            270  009.13 010 00800.00 01
8.99     96 270  008.75 100 00730.00 01
            270  007.98 010 00700.00 01
            270  004.54 010 00760.00 01
                     .  010 00690.00 01
8.99     96 270  005.11 100 00660.00 01
            270  005.88 010 00630.00 01
            270  007.03 010 00630.00 01
                     .  010 00630.00 01
                     .           .  01 000 000 000 000 000 000
                     .           .  01 000 000 000 000 001 000
                     .           .  01 000 000 000 000 002 000
                     .           .  01 000 001 000 000 000 000
                     .           .  01 000 000 000 000 001 000
                     .           .  01 000 000 000 000 000 000
                     .           .  01 000 000 000 000 000 000
                     .           .  01 000 000 000 000 000 000
                     .           .  01 000 000 000 000 000 000
                     .           .  01 000 000 000 000 000 000
9.58    101 180  076.15 100 01210.00 01 000 000 000 000 000 000
            180  078.35 010 01140.00 01 000 000 000 000 000 000
            180  075.41 010 01190.00 01 000 000 000 000 000 000
            180  078.16 010 01210.00 01 000 000 000 000 000 000
                     .           .  01 000 000 000 000 000 000
                     .           .  01 000 000 000 000 000 000
                     .           .  01 000 000 000 000 000 000
                     .           .  01 000 000 000 000 000 000
                     .           .  01 000 000 000 000 000 000
                     .           .  01 000 000 000 000 000 000
            180  071.74 010 01030.00 01
                     .  010 01080.00 01
9.43     99 180  066.25 100 00710.00 01
            180  060.93 010 00700.00 01
            180  058.73 010 00740.00 01
                     .  010 00760.00 01
9.41     99 180  049.57 100 00360.00 01
```

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840725	02	0908	6	00.7	00.9	1	.	.	.	.	.
03	840725	02	0908	6	00.7	00.9	1	.	.	.	.	.
03	840725	02	0908	6	00.7	00.9	1	.	.	.	.	.
03	840725	03	0825	6	00.9	00.0	1	16.4	.002	00.1	07.63	0.110
03	840725	03	0825	6	00.9	00.0	1	.	.	.	.	.
03	840725	03	0825	6	00.9	00.0	1	.	.	.	.	.
03	840725	03	0825	6	00.9	00.0	1	.	.	.	.	.
03	840725	03	0825	6	00.9	00.0	1	.	.	.	.	.
03	840725	03	0825	6	00.9	00.0	1	.	.	.	.	.
03	840725	03	0825	6	00.9	00.0	1	.	.	.	.	.
03	840725	03	0825	6	00.9	00.0	1	.	.	.	.	.
03	840725	03	0825	6	00.9	00.0	1	.	.	.	.	.
03	840725	03	0825	6	00.9	00.0	1	.	.	.	.	.
03	840725	03	0829	6	00.9	00.3	1	16.4	.002	00.1	07.67	0.123
03	840725	03	0829	6	00.9	00.3	1	.	.	.	.	.
03	840725	03	0829	6	00.9	00.3	1	.	.	.	.	.
03	840725	03	0829	6	00.9	00.3	1	.	.	.	.	.
03	840725	03	0834	6	00.9	00.6	1	16.4	.002	00.1	07.67	0.125
03	840725	03	0834	6	00.9	00.6	1	.	.	.	.	.
03	840725	03	0834	6	00.9	00.6	1	.	.	.	.	.
03	840725	03	0834	6	00.9	00.6	1	.	.	.	.	.
03	840725	03	0837	6	00.9	00.9	1	16.4	.002	00.1	07.70	0.124
03	840725	03	0837	6	00.9	00.9	1	.	.	.	.	.
03	840725	03	0837	6	00.9	00.9	1	.	.	.	.	.
03	840725	03	0837	6	00.9	00.9	1	.	.	.	.	.
03	840725	03	0841	6	00.9	01.2	2	16.4	.002	00.1	07.67	0.125
03	840725	03	0841	6	00.9	01.2	2	.	.	.	.	.
03	840725	03	0841	6	00.9	01.2	2	.	.	.	.	.
03	840725	03	0841	6	00.9	01.2	2	.	.	.	.	.
03	840725	03	0841	6	00.9	01.2	2	.	.	.	.	.
03	840725	03	0841	6	00.9	01.2	2	.	.	.	.	.
03	840725	03	0841	6	00.9	01.2	2	.	.	.	.	.
03	840725	03	0841	6	00.9	01.2	2	.	.	.	.	.
03	840725	03	0841	6	00.9	01.2	2	.	.	.	.	.
03	840725	03	0841	6	00.9	01.2	2	.	.	.	.	.
03	840725	03	0845	6	00.9	01.5	2	16.4	.002	00.1	07.68	0.127
03	840725	03	0845	6	00.9	01.5	2	.	.	.	.	.
03	840725	03	0845	6	00.9	01.5	2	.	.	.	.	.
03	840725	03	0845	6	00.9	01.5	2	.	.	.	.	.
03	840725	03	0851	6	00.8	01.8	2	16.4	.001	00.0	07.71	0.127
03	840725	03	0851	6	00.8	01.8	2	.	.	.	.	.
03	840725	03	0851	6	00.8	01.8	2	.	.	.	.	.
03	840725	03	0851	6	00.8	01.8	2	.	.	.	.	.
03	840725	03	0859	6	00.7	00.3	1	16.5	.015	00.7	07.45	0.058
03	840725	03	0859	6	00.7	00.3	1	.	.	.	.	.
03	840725	03	1100	1	01.6	00.0	1	16.6	.002	00.1	07.62	0.158
03	840725	03	1100	1	01.6	00.0	1	.	.	.	.	.
03	840725	03	1100	1	01.6	00.0	1	.	.	.	.	.
03	840725	03	1100	1	01.6	00.0	1	.	.	.	.	.
03	840725	03	1113	1	01.7	00.3	1	16.5	.002	00.1	07.60	0.153
03	840725	03	1113	1	01.7	00.3	1	.	.	.	.	.
03	840725	03	1113	1	01.7	00.3	1	.	.	.	.	.
03	840725	03	1113	1	01.7	00.3	1	.	.	.	.	.
03	840725	03	1116	1	01.7	00.6	1	16.5	.001	00.0	07.56	0.154
03	840725	03	1116	1	01.7	00.6	1	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
		180	050.49	010	00290.00	01						
		180	047.55	010	00260.00	01						
			.	010	00260.00	01						
9.64	101	180	083.48	100	01560.00	01	000	000	000	000	000	000
		180	081.28	010	01620.00	01	000	000	000	000	000	000
		180	082.74	010	01650.00	01	000	000	000	000	000	000
			.	010	01330.00	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
9.53	100	180	078.35	100	00820.00	01						
		180	079.26	010	00970.00	01						
		180	079.99	010	01080.00	01						
			.	010	01080.00	01						
9.55	100	180	078.53	100	00940.00	01						
		180	079.63	010	00970.00	01						
		180	075.23	010	00880.00	01						
			.	010	00850.00	01						
9.54	100	180	073.76	100	00820.00	01						
		180	077.98	010	01080.00	01						
		180	075.78	010	01060.00	01						
			.	010	00800.00	01						
9.57	100	180	072.11	100	00410.00	01	000	000	000	000	000	000
		180	073.76	010	00340.00	01	000	000	000	000	000	000
		180	072.66	010	00200.00	01	000	000	000	000	000	000
			.	010	00540.00	01	000	000	000	000	000	000
			.		.	01	000	001	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
9.63	101	180	060.20	100	00100.00	01						
		180	064.42	010	00140.00	01						
		180	066.43	010	00170.00	01						
		180	063.32	010	00170.00	01						
9.59	100	180	062.77	100	00160.00	01						
		180	062.58	010	00160.00	01						
		180	058.37	010	00150.00	01						
			.	010	00150.00	01						
9.42	99	180	070.65	100	00830.00	01						
		180	069.18	010	00740.00	01						
9.49	100	180	066.25	100	00670.00	04						
		180	065.15	010	00980.00	04						
		180	065.33	010	00950.00	04						
			.	010	00940.00	04						
9.58	100	180	051.27	100	00620.00	04						
		180	057.20	010	00380.00	04						
		180	057.20	010	00400.00	04						
			.	010	00360.00	04						
9.61	101	180	055.51	100	00530.00	04						
		180	055.51	010	00530.00	04						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840725	03	1116	1	01.7	00.6	1	.	.	.	.	.
03	840725	03	1116	1	01.7	00.6	1	.	.	.	.	.
03	840725	03	1119	1	01.8	00.9	1	16.5	.001	00.0	07.55	0.155
03	840725	03	1119	1	01.8	00.9	1	.	.	.	.	.
03	840725	03	1119	1	01.8	00.9	1	.	.	.	.	.
03	840725	03	1119	1	01.8	00.9	1	.	.	.	.	.
03	840725	03	1121	1	01.8	01.2	2	16.5	.001	00.0	07.55	0.153
03	840725	03	1121	1	01.8	01.2	2	.	.	.	.	.
03	840725	03	1121	1	01.8	01.2	2	.	.	.	.	.
03	840725	03	1121	1	01.8	01.2	2	.	.	.	.	.
03	840725	03	1125	1	01.8	01.5	2	16.5	.001	00.0	07.56	0.155
03	840725	03	1125	1	01.8	01.5	2	.	.	.	.	.
03	840725	03	1125	1	01.8	01.5	2	.	.	.	.	.
03	840725	03	1125	1	01.8	01.5	2	.	.	.	.	.
03	840725	03	1129	1	01.8	01.8	2	16.5	.001	00.0	07.54	0.153
03	840725	03	1129	1	01.8	01.8	2	.	.	.	.	.
03	840725	03	1129	1	01.8	01.8	2	.	.	.	.	.
03	840725	03	1129	1	01.8	01.8	2	.	.	.	.	.
03	840725	03	1133	1	01.9	02.1	3	16.5	.001	00.0	07.55	0.157
03	840725	03	1133	1	01.9	02.1	3	.	.	.	.	.
03	840725	03	1133	1	01.9	02.1	3	.	.	.	.	.
03	840725	03	1133	1	01.9	02.1	3	.	.	.	.	.
03	840725	03	1154	2	02.0	00.0	1	16.4	.001	00.0	07.43	0.161
03	840725	03	1154	2	02.0	00.0	1	.	.	.	.	.
03	840725	03	1154	2	02.0	00.0	1	.	.	.	.	.
03	840725	03	1154	2	02.0	00.0	1	.	.	.	.	.
03	840725	03	1157	2	02.0	00.3	1	16.3	.001	00.0	07.49	0.160
03	840725	03	1157	2	02.0	00.3	1	.	.	.	.	.
03	840725	03	1157	2	02.0	00.3	1	.	.	.	.	.
03	840725	03	1157	2	02.0	00.3	1	.	.	.	.	.
03	840725	03	1201	2	02.1	00.6	1	16.3	.001	00.0	07.46	0.162
03	840725	03	1201	2	02.1	00.6	1	.	.	.	.	.
03	840725	03	1201	2	02.1	00.6	1	.	.	.	.	.
03	840725	03	1201	2	02.1	00.6	1	.	.	.	.	.
03	840725	03	1204	2	02.1	00.9	1	16.3	.001	00.0	07.45	0.162
03	840725	03	1204	2	02.1	00.9	1	.	.	.	.	.
03	840725	03	1204	2	02.1	00.9	1	.	.	.	.	.
03	840725	03	1204	2	02.1	00.9	1	.	.	.	.	.
03	840725	03	1207	2	02.1	01.5	2	16.3	.001	00.0	07.46	0.164
03	840725	03	1207	2	02.1	01.5	2	.	.	.	.	.
03	840725	03	1207	2	02.1	01.5	2	.	.	.	.	.
03	840725	03	1207	2	02.1	01.5	2	.	.	.	.	.
03	840725	03	1210	2	02.1	01.8	2	16.3	.001	00.0	07.48	0.164
03	840725	03	1210	2	02.1	01.8	2	.	.	.	.	.
03	840725	03	1210	2	02.1	01.8	2	.	.	.	.	.
03	840725	03	1210	2	02.1	01.8	2	.	.	.	.	.
03	840725	03	1213	2	02.2	02.1	3	16.3	.001	00.0	07.46	0.165
03	840725	03	1213	2	02.2	02.1	3	.	.	.	.	.
03	840725	03	1213	2	02.2	02.1	3	.	.	.	.	.
03	840725	03	1213	2	02.2	02.1	3	.	.	.	.	.
03	840725	03	1217	2	02.2	02.4	3	16.3	.001	00.0	07.47	0.166
03	840725	03	1217	2	02.2	02.4	3	.	.	.	.	.
03	840725	03	1217	2	02.2	02.4	3	.	.	.	.	.
03	840725	03	1217	2	02.2	02.4	3	.	.	.	.	.
03	840725	03	1245	2	02.4	00.0	1	16.3	.001	00.0	07.51	0.157

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
		180	057.20	010	00510.00	04						
			.	010	00510.00	04						
9.60	101	180	052.97	100	00490.00	04						
		180	051.27	010	00470.00	04						
		180	052.97	010	00470.00	04						
			.	010	00500.00	04						
9.59	100	180	051.27	100	00490.00	04						
		180	046.19	010	00510.00	04						
		180	047.89	010	00490.00	04						
			.	010	00500.00	04						
9.56	100	180	039.42	100	00470.00	04						
		180	040.27	010	00380.00	04						
		180	041.12	010	00390.00	04						
			.	010	00390.00	04						
9.52	100	180	036.88	100	00380.00	04						
		180	030.96	010	00380.00	04						
		180	036.88	010	00370.00	04						
			.	010	00350.00	04						
9.51	100	180	028.42	100	00300.00	04						
		180	034.34	010	00360.00	04						
		180	031.81	010	00350.00	04						
			.	010	00340.00	04						
9.63	101	180	041.12	100	00460.00	04						
		180	041.12	010	00460.00	04						
		180	041.96	010	00480.00	04						
		180	041.12	010	00460.00	04						
9.55	100	180	045.35	100	00400.00	04						
		180	044.50	010	00380.00	04						
		180	052.12	010	00390.00	04						
			.	010	00390.00	04						
9.54	100	180	041.96	100	00360.00	04						
		180	044.50	010	00350.00	04						
		180	041.96	010	00340.00	04						
			.	010	00350.00	04						
9.49	99	180	043.66	100	00270.00	04						
		180	038.58	010	00280.00	04						
		180	042.81	010	00270.00	04						
			.	010	00270.00	04						
9.49	99	180	036.88	100	00220.00	04						
		180	038.58	010	00250.00	04						
		180	036.88	010	00230.00	04						
			.	010	00230.00	04						
9.44	98	180	031.81	100	00190.00	04						
		180	029.27	010	00210.00	04						
		180	024.73	010	00210.00	04						
			.	010	00200.00	04						
9.37	98	180	024.73	100	00240.00	04						
		180	025.45	010	00160.00	04						
		180	024.73	010	00170.00	04						
			.	010	00190.00	04						
9.40	98	180	022.57	100	00250.00	04						
		180	018.98	010	00210.00	04						
		180	018.98	010	00200.00	04						
			.	010	00210.00	04						
9.78	102	180	034.17	100	00529.00	04						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840725	03	1245	2	02.4	00.0	1	.	.	.	.	.
03	840725	03	1245	2	02.4	00.0	1	.	.	.	.	.
03	840725	03	1245	2	02.4	00.0	1	.	.	.	.	.
03	840725	03	1247	2	02.4	00.3	1	16.2	.001	00.0	07.51	0.158
03	840725	03	1247	2	02.4	00.3	1	.	.	.	.	.
03	840725	03	1247	2	02.4	00.3	1	.	.	.	.	.
03	840725	03	1247	2	02.4	00.3	1	.	.	.	.	.
03	840725	03	1250	2	02.4	00.6	1	16.2	.001	00.0	07.51	0.157
03	840725	03	1250	2	02.4	00.6	1	.	.	.	.	.
03	840725	03	1250	2	02.4	00.6	1	.	.	.	.	.
03	840725	03	1250	2	02.4	00.6	1	.	.	.	.	.
03	840725	03	1253	2	02.5	00.9	1	16.2	.003	00.2	07.54	0.156
03	840725	03	1253	2	02.5	00.9	1	.	.	.	.	.
03	840725	03	1253	2	02.5	00.9	1	.	.	.	.	.
03	840725	03	1253	2	02.5	00.9	1	.	.	.	.	.
03	840725	03	1256	2	02.5	01.2	2	16.2	.002	00.1	07.47	0.167
03	840725	03	1256	2	02.5	01.2	2	.	.	.	.	.
03	840725	03	1256	2	02.5	01.2	2	.	.	.	.	.
03	840725	03	1256	2	02.5	01.2	2	.	.	.	.	.
03	840725	03	1259	2	02.5	01.5	2	16.2	.024	01.1	07.55	0.168
03	840725	03	1259	2	02.5	01.5	2	.	.	.	.	.
03	840725	03	1259	2	02.5	01.5	2	.	.	.	.	.
03	840725	03	1259	2	02.5	01.5	2	.	.	.	.	.
03	840725	03	1302	2	02.5	01.8	2	14.1	.216	12.8	07.85	0.182
03	840725	03	1302	2	02.5	01.8	2	.	.	.	.	.
03	840725	03	1302	2	02.5	01.8	2	.	.	.	.	.
03	840725	03	1302	2	02.5	01.8	2	.	.	.	.	.
03	840725	03	1304	2	02.5	02.1	3	11.2	.411	26.3	07.90	0.178
03	840725	03	1304	2	02.5	02.1	3	.	.	.	.	.
03	840725	03	1304	2	02.5	02.1	3	.	.	.	.	.
03	840725	03	1304	2	02.5	02.1	3	.	.	.	.	.
03	840725	03	1306	2	02.6	02.4	3	10.9	.419	26.9	07.85	0.172
03	840725	03	1306	2	02.6	02.4	3	.	.	.	.	.
03	840725	03	1306	2	02.6	02.4	3	.	.	.	.	.
03	840725	03	1306	2	02.6	02.4	3	.	.	.	.	.
03	840725	03	1310	2	02.6	02.7	3	10.9	.421	27.0	07.85	0.166
03	840725	03	1310	2	02.6	02.7	3	.	.	.	.	.
03	840725	03	1310	2	02.6	02.7	3	.	.	.	.	.
03	840725	03	1310	2	02.6	02.7	3	.	.	.	.	.
03	840725	03	1322	2	02.7	00.0	1	16.2	.001	00.0	07.44	0.142
03	840725	03	1322	2	02.7	00.0	1	.	.	.	.	.
03	840725	03	1322	2	02.7	00.0	1	.	.	.	.	.
03	840725	03	1322	2	02.7	00.0	1	.	.	.	.	.
03	840725	03	1324	2	02.7	00.3	1	16.2	.002	00.1	07.45	0.145
03	840725	03	1324	2	02.7	00.3	1	.	.	.	.	.
03	840725	03	1324	2	02.7	00.3	1	.	.	.	.	.
03	840725	03	1324	2	02.7	00.3	1	.	.	.	.	.
03	840725	03	1327	2	02.7	00.6	1	16.3	.002	00.1	07.48	0.146
03	840725	03	1327	2	02.7	00.6	1	.	.	.	.	.
03	840725	03	1327	2	02.7	00.6	1	.	.	.	.	.
03	840725	03	1327	2	02.7	00.6	1	.	.	.	.	.
03	840725	03	1329	2	02.7	00.9	1	16.2	.002	00.1	07.50	0.148
03	840725	03	1329	2	02.7	00.9	1	.	.	.	.	.
03	840725	03	1329	2	02.7	00.9	1	.	.	.	.	.
03	840725	03	1329	2	02.7	00.9	1	.	.	.	.	.

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D02C D02SAT FLDI  FLOW  LTT   LIGHT  WE HCH WCH WCO UNI CTT SHT

            180  033.44 010 00543.00 04
            180  035.27 010 00539.00 04
            180  035.09 010 00536.00 04
9.60   100  180  036.92 100 00451.00 04
            180  037.66 010 00460.00 04
            180  037.11 010 00458.00 04
                    .   010 00455.00 04
9.52    99  180  034.36 100 00460.00 04
            180  033.99 010 00466.00 04
            180  036.92 010 00467.00 04
            180  035.27 010 00472.00 04
9.50    99  180  038.76 100 00396.00 04
            180  035.82 010 00390.00 04
            180  038.21 010 00392.00 04
                    .   010 00390.00 04
9.50    99  180  036.92 100 00325.00 04
            180  036.19 010 00331.00 04
            180  035.27 010 00328.00 04
                    .   010 00327.00 04
9.38    98  180  026.35 100 00289.00 04
            180  027.31 010 00279.00 04
            180  026.92 010 00280.00 04
                    .   010 00272.00 04
7.79    84  000  011.62 100 00312.00 04
            000  014.68 010 00287.00 04
            000  009.51 010 00309.00 04
                    .   010 00320.00 04
7.26    80  000  022.33 100 00438.00 04
            000  019.27 010 00327.00 04
            000  017.36 010 00345.00 04
                    .   010 00379.00 04
7.59    83  000  015.44 100 00397.00 04
            000  018.89 010 00461.00 04
            000  017.17 010 00425.00 04
                    .   010 00396.00 04
7.62    84  000  015.64 100 00282.00 04
            000  012.96 010 00326.00 04
            000  011.43 010 00328.00 04
                    .   010 00298.00 04
9.44    98  180  039.49 100 01302.00 04
            180  041.14 010 01536.00 04
            180  044.99 010 01538.00 04
                    .   010 01451.00 04
9.43    98  180  041.14 100 00965.00 04
            180  042.05 010 00888.00 04
            180  043.15 010 00905.00 04
                    .   010 00949.00 04
9.46    99  180  042.05 100 01055.00 04
            180  041.14 010 00810.00 04
            180  039.67 010 00781.00 04
                    .   010 00777.00 04
9.47    99  180  040.41 100 00729.00 04
            180  037.47 010 01202.00 04
            180  038.57 010 01006.00 04
                    .   010 00885.00 04
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TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840725	03	1332	2	02.7	01.2	2	15.6	.075	03.9	07.53	0.165
03	840725	03	1332	2	02.7	01.2	2	.	.	.	.	.
03	840725	03	1332	2	02.7	01.2	2	.	.	.	.	.
03	840725	03	1332	2	02.7	01.2	2	.	.	.	.	.
03	840725	03	1335	2	02.8	01.5	2	13.3	.290	17.8	07.90	0.167
03	840725	03	1335	2	02.8	01.5	2	.	.	.	.	.
03	840725	03	1335	2	02.8	01.5	2	.	.	.	.	.
03	840725	03	1335	2	02.8	01.5	2	.	.	.	.	.
03	840725	03	1338	2	02.8	01.8	2	11.0	.418	26.8	07.89	0.167
03	840725	03	1338	2	02.8	01.8	2	.	.	.	.	.
03	840725	03	1338	2	02.8	01.8	2	.	.	.	.	.
03	840725	03	1338	2	02.8	01.8	2	.	.	.	.	.
03	840725	03	1341	2	02.8	02.1	3	10.7	.428	27.5	07.86	0.161
03	840725	03	1341	2	02.8	02.1	3	.	.	.	.	.
03	840725	03	1341	2	02.8	02.1	3	.	.	.	.	.
03	840725	03	1341	2	02.8	02.1	3	.	.	.	.	.
03	840725	03	1344	2	02.8	02.4	3	10.5	.435	28.0	07.82	0.157
03	840725	03	1344	2	02.8	02.4	3	.	.	.	.	.
03	840725	03	1344	2	02.8	02.4	3	.	.	.	.	.
03	840725	03	1344	2	02.8	02.4	3	.	.	.	.	.
03	840725	03	1347	2	02.8	02.7	3	10.4	.436	28.1	07.80	0.154
03	840725	03	1347	2	02.8	02.7	3	.	.	.	.	.
03	840725	03	1347	2	02.8	02.7	3	.	.	.	.	.
03	840725	03	1347	2	02.8	02.7	3	.	.	.	.	.
03	840725	03	1351	2	02.9	03.0	3	10.4	.437	28.2	07.77	0.154
03	840725	03	1351	2	02.9	03.0	3	.	.	.	.	.
03	840725	03	1351	2	02.9	03.0	3	.	.	.	.	.
03	840725	03	1351	2	02.9	03.0	3	.	.	.	.	.
03	840725	03	1416	3	03.1	00.0	1	16.2	.003	00.1	07.45	0.144
03	840725	03	1416	3	03.1	00.0	1	.	.	.	.	.
03	840725	03	1416	3	03.1	00.0	1	.	.	.	.	.
03	840725	03	1416	3	03.1	00.0	1	.	.	.	.	.
03	840725	03	1421	3	03.1	00.3	1	16.2	.003	00.1	07.53	0.147
03	840725	03	1421	3	03.1	00.3	1	.	.	.	.	.
03	840725	03	1421	3	03.1	00.3	1	.	.	.	.	.
03	840725	03	1421	3	03.1	00.3	1	.	.	.	.	.
03	840725	03	1426	3	03.2	00.6	1	16.2	.004	00.2	07.56	0.147
03	840725	03	1426	3	03.2	00.6	1	.	.	.	.	.
03	840725	03	1426	3	03.2	00.6	1	.	.	.	.	.
03	840725	03	1426	3	03.2	00.6	1	.	.	.	.	.
03	840725	03	1432	3	03.2	00.9	1	16.1	.014	00.6	07.59	0.153
03	840725	03	1432	3	03.2	00.9	1	.	.	.	.	.
03	840725	03	1432	3	03.2	00.9	1	.	.	.	.	.
03	840725	03	1432	3	03.2	00.9	1	.	.	.	.	.
03	840725	03	1435	3	03.2	01.2	2	15.4	.086	04.5	07.69	0.164
03	840725	03	1435	3	03.2	01.2	2	.	.	.	.	.
03	840725	03	1435	3	03.2	01.2	2	.	.	.	.	.
03	840725	03	1435	3	03.2	01.2	2	.	.	.	.	.
03	840725	03	1438	3	03.2	01.5	2	13.9	.224	13.4	07.90	0.162
03	840725	03	1438	3	03.2	01.5	2	.	.	.	.	.
03	840725	03	1438	3	03.2	01.5	2	.	.	.	.	.
03	840725	03	1438	3	03.2	01.5	2	.	.	.	.	.
03	840725	03	1441	3	03.3	01.8	2	13.6	.259	15.7	07.90	0.155
03	840725	03	1441	3	03.3	01.8	2	.	.	.	.	.
03	840725	03	1441	3	03.3	01.8	2	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
8.98	95	180	030.51	100	00540.00	04						
		180	025.39	010	00526.00	04						
		180	035.46	010	00525.00	04						
			.	010	00533.00	04						
7.87	86	000	004.16	100	00694.00	04						
		000	010.28	010	00501.00	04						
		000	004.92	010	00481.00	04						
		000	007.41	010	00468.00	04						
7.22	80	000	013.72	100	00724.00	04						
		000	016.02	010	01136.00	04						
		000	018.51	010	00634.00	04						
			.	010	00519.00	04						
7.58	83	000	022.33	100	00711.00	04						
		000	020.99	010	00811.00	04						
		000	023.86	010	00909.00	04						
			.	010	00828.00	04						
7.52	83	000	019.08	100	00468.00	04						
		000	018.12	010	00465.00	04						
			.	010	00596.00	04						
			.	010	00628.00	04						
7.55	83	000	015.06	100	00244.00	04						
		000	015.83	010	00247.00	04						
		000	016.59	010	00248.00	04						
			.	010	00256.00	04						
7.53	83	000	013.91	100	00207.00	04						
		000	014.30	010	00205.00	04						
		000	014.87	010	00203.00	04						
			.	010	00202.00	04						
9.76	102	180	043.70	100	01415.00	04						
		180	045.54	010	00610.00	04						
		180	047.92	010	00623.00	04						
			.	010	00613.00	04						
9.47	99	180	047.19	100	00637.00	04						
		180	046.45	010	01413.00	04						
		180	047.00	010	01341.00	04						
			.	010	00841.00	04						
9.48	99	180	047.19	100	01250.00	04						
		180	043.52	010	00591.00	04						
		180	057.27	010	00593.00	04						
			.	010	00614.00	04						
9.45	98	180	037.29	100	00877.00	04						
		180	037.29	010	01227.00	04						
		180	040.95	010	01231.00	04						
			.	010	01291.00	04						
8.89	94	180	021.18	100	00366.00	04						
		180	021.18	010	00454.00	04						
		180	020.61	010	00337.00	04						
			.	010	00341.00	04						
8.10	87	000	003.77	100	00319.00	04						
		000	004.16	010	00350.00	04						
		000	004.92	010	00332.00	04						
			.	010	00305.00	04						
8.37	91	000	006.07	100	00372.00	04						
		000	004.92	010	00387.00	04						
		000	009.51	010	00314.00	04						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840725	03	1441	3	03.3	01.8	2	.	.	.	.	.
03	840725	03	1444	3	03.3	02.1	3	11.8	.390	24.8	07.90	0.161
03	840725	03	1444	3	03.3	02.1	3	.	.	.	.	.
03	840725	03	1444	3	03.3	02.1	3	.	.	.	.	.
03	840725	03	1444	3	03.3	02.1	3	.	.	.	.	.
03	840725	03	1447	3	03.3	02.4	3	11.0	.420	26.9	07.79	0.151
03	840725	03	1447	3	03.3	02.4	3	.	.	.	.	.
03	840725	03	1447	3	03.3	02.4	3	.	.	.	.	.
03	840725	03	1447	3	03.3	02.4	3	.	.	.	.	.
03	840725	03	1450	3	03.4	02.7	3	10.9	.428	27.5	07.83	0.147
03	840725	03	1450	3	03.4	02.7	3	.	.	.	.	.
03	840725	03	1450	3	03.4	02.7	3	.	.	.	.	.
03	840725	03	1450	3	03.4	02.7	3	.	.	.	.	.
03	840725	03	1512	3	03.5	00.0	1	16.1	.001	00.0	07.38	0.153
03	840725	03	1512	3	03.5	00.0	1	.	.	.	.	.
03	840725	03	1512	3	03.5	00.0	1	.	.	.	.	.
03	840725	03	1512	3	03.5	00.0	1	.	.	.	.	.
03	840725	03	1514	3	03.5	00.3	1	16.0	.002	00.1	07.51	0.156
03	840725	03	1514	3	03.5	00.3	1	.	.	.	.	.
03	840725	03	1514	3	03.5	00.3	1	.	.	.	.	.
03	840725	03	1514	3	03.5	00.3	1	.	.	.	.	.
03	840725	03	1517	3	03.5	00.6	1	15.8	.016	00.7	07.54	0.158
03	840725	03	1517	3	03.5	00.6	1	.	.	.	.	.
03	840725	03	1517	3	03.5	00.6	1	.	.	.	.	.
03	840725	03	1517	3	03.5	00.6	1	.	.	.	.	.
03	840725	03	1520	3	03.5	00.9	1	15.6	.041	02.0	07.59	0.162
03	840725	03	1520	3	03.5	00.9	1	.	.	.	.	.
03	840725	03	1520	3	03.5	00.9	1	.	.	.	.	.
03	840725	03	1520	3	03.5	00.9	1	.	.	.	.	.
03	840725	03	1523	3	03.6	01.2	2	13.8	.213	12.5	07.88	0.168
03	840725	03	1523	3	03.6	01.2	2	.	.	.	.	.
03	840725	03	1523	3	03.6	01.2	2	.	.	.	.	.
03	840725	03	1523	3	03.6	01.2	2	.	.	.	.	.
03	840725	03	1526	3	03.6	01.5	2	11.6	.380	24.1	07.90	0.167
03	840725	03	1526	3	03.6	01.5	2	.	.	.	.	.
03	840725	03	1526	3	03.6	01.5	2	.	.	.	.	.
03	840725	03	1526	3	03.6	01.5	2	.	.	.	.	.
03	840725	03	1529	3	03.6	01.8	2	10.9	.415	26.6	07.86	0.154
03	840725	03	1529	3	03.6	01.8	2	.	.	.	.	.
03	840725	03	1529	3	03.6	01.8	2	.	.	.	.	.
03	840725	03	1529	3	03.6	01.8	2	.	.	.	.	.
03	840725	03	1532	3	03.7	02.1	3	10.6	.431	27.8	07.82	0.145
03	840725	03	1532	3	03.7	02.1	3	.	.	.	.	.
03	840725	03	1532	3	03.7	02.1	3	.	.	.	.	.
03	840725	03	1532	3	03.7	02.1	3	.	.	.	.	.
03	840725	03	1535	3	03.7	02.4	3	10.3	.442	28.5	07.78	0.139
03	840725	03	1535	3	03.7	02.4	3	.	.	.	.	.
03	840725	03	1535	3	03.7	02.4	3	.	.	.	.	.
03	840725	03	1535	3	03.7	02.4	3	.	.	.	.	.
03	840725	03	1540	3	03.7	02.7	3	10.2	.448	29.0	07.76	0.137
03	840725	03	1540	3	03.7	02.7	3	.	.	.	.	.
03	840725	03	1540	3	03.7	02.7	3	.	.	.	.	.
03	840725	03	1540	3	03.7	02.7	3	.	.	.	.	.
03	840725	03	1544	3	03.7	03.0	3	10.1	.449	29.1	07.74	0.134
03	840725	03	1544	3	03.7	03.0	3	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
			.	010	00328.00	04						
7.80	86	000	005.88	100	00327.00	04						
		000	008.37	010	00315.00	04						
		000	006.26	010	00320.00	04						
			.	010	00361.00	04						
8.14	90	000	003.58	100	00166.00	04						
		000	004.54	010	00195.00	04						
		000	003.77	010	00185.00	04						
			.	010	00183.00	04						
7.73	85	000	003.77	100	00123.00	04						
		000	004.54	010	00130.00	04						
			.	010	00133.00	04						
			.	010	00130.00	04						
9.59	100	180	047.37	100	00264.00	04						
		180	048.29	010	00268.00	04						
		180	046.09	010	00263.00	04						
			.	010	00261.00	04						
9.42	98	180	056.53	100	00233.00	04						
		180	049.20	010	00227.00	04						
		180	050.12	010	00226.00	04						
			.	010	00225.00	04						
9.41	98	180	043.89	100	00228.00	04						
		180	043.89	010	00218.00	04						
		180	044.07	010	00217.00	04						
		180	044.80	010	00218.00	04						
9.34	97	180	047.37	100	00173.00	04						
		180	045.53	010	00192.00	04						
		180	040.41	010	00193.00	04						
			.	010	00189.00	04						
8.27	89	090	009.90	100	00083.00	04						
		090	003.77	010	00103.00	04						
		090	003.77	010	00100.00	04						
			.	010	00097.00	04						
7.24	79	000	003.77	100	00089.00	04						
		000	004.92	010	00068.00	04						
		000	006.45	010	00070.00	04						
			.	010	00070.00	04						
7.51	82	000	004.73	100	00114.00	04						
		000	003.97	010	00113.00	04						
		000	004.35	010	00113.00	04						
		000	004.73	010	00114.00	04						
7.33	80		000.00	100	00091.00	04						
			000.00	010	00106.00	04						
			000.00	010	00096.00	04						
			.	010	00095.00	04						
7.20	79	000	007.03	100	00084.00	04						
		000	005.69	010	00081.00	04						
		000	005.11	010	00082.00	04						
			.	010	00082.00	04						
7.05	77	000	005.50	100	00067.00	04						
		000	007.03	010	00073.00	04						
		000	005.50	010	00078.00	04						
			.	010	00072.00	04						
7.20	79	000	007.03	100	00063.00	04						
		000	007.22	010	00061.00	04						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840725	03	1544	3	03.7	03.0	3	.	.	.	.	.
03	840725	03	1544	3	03.7	03.0	3	.	.	.	.	.
03	840725	03	1548	3	03.7	03.4	3	10.0	.451	29.2	07.72	0.132
03	840725	03	1548	3	03.7	03.4	3	.	.	.	.	.
03	840725	03	1548	3	03.7	03.4	3	.	.	.	.	.
03	840725	03	1548	3	03.7	03.4	3	.	.	.	.	.
03	840725	03	1552	3	03.8	03.7	3	10.0	.451	29.2	07.71	0.130
03	840725	03	1552	3	03.8	03.7	3	.	.	.	.	.
03	840725	03	1552	3	03.8	03.7	3	.	.	.	.	.
03	840725	03	1552	3	03.8	03.7	3	.	.	.	.	.
03	840725	03	1602	3	03.9	00.0	1	15.7	.004	00.2	07.38	0.136
03	840725	03	1602	3	03.9	00.0	1	.	.	.	.	.
03	840725	03	1602	3	03.9	00.0	1	.	.	.	.	.
03	840725	03	1603	3	03.9	00.3	1	15.6	.009	00.4	07.47	0.143
03	840725	03	1603	3	03.9	00.3	1	.	.	.	.	.
03	840725	03	1603	3	03.9	00.3	1	.	.	.	.	.
03	840725	03	1605	3	03.9	00.6	1	15.6	.015	00.7	07.38	0.148
03	840725	03	1605	3	03.9	00.6	1	.	.	.	.	.
03	840725	03	1605	3	03.9	00.6	1	.	.	.	.	.
03	840725	03	1607	3	03.9	00.9	1	15.4	.026	01.2	07.53	0.147
03	840725	03	1607	3	03.9	00.9	1	.	.	.	.	.
03	840725	03	1607	3	03.9	00.9	1	.	.	.	.	.
03	840725	03	1609	3	04.0	01.2	2	14.8	.124	06.8	07.71	0.156
03	840725	03	1609	3	04.0	01.2	2	.	.	.	.	.
03	840725	03	1609	3	04.0	01.2	2	.	.	.	.	.
03	840725	03	1612	3	04.0	01.5	2	13.2	.237	14.2	07.79	0.161
03	840725	03	1612	3	04.0	01.5	2	.	.	.	.	.
03	840725	03	1612	3	04.0	01.5	2	.	.	.	.	.
03	840725	03	1615	3	04.0	01.8	2	10.6	.426	27.4	07.82	0.161
03	840725	03	1615	3	04.0	01.8	2	.	.	.	.	.
03	840725	03	1615	3	04.0	01.8	2	.	.	.	.	.
03	840725	03	1618	3	04.0	02.4	3	10.2	.448	29.0	07.83	0.155
03	840725	03	1618	3	04.0	02.4	3	.	.	.	.	.
03	840725	03	1618	3	04.0	02.4	3	.	.	.	.	.
03	840725	03	1621	3	04.0	03.4	3	10.1	.450	29.1	07.80	0.152
03	840725	03	1621	3	04.0	03.4	3	.	.	.	.	.
03	840725	03	1621	3	04.0	03.4	3	.	.	.	.	.
03	840725	04	0925	1	00.9	00.0	1	16.5	.001	00.1	07.56	0.133
03	840725	04	0925	1	00.9	00.0	1	.	.	.	.	.
03	840725	04	0925	1	00.9	00.0	1	.	.	.	.	.
03	840725	04	0925	1	00.9	00.0	1	.	.	.	.	.
03	840725	04	0925	1	00.9	00.0	1	.	.	.	.	.
03	840725	04	0925	1	00.9	00.0	1	.	.	.	.	.
03	840725	04	0925	1	00.9	00.0	1	.	.	.	.	.
03	840725	04	0925	1	00.9	00.0	1	.	.	.	.	.
03	840725	04	0925	1	00.9	00.0	1	.	.	.	.	.
03	840725	04	0925	1	00.9	00.0	1	.	.	.	.	.
03	840725	09	1014	1	01.3	00.0	1	16.6	.032	01.5	07.40	0.096
03	840725	09	1014	1	01.3	00.0	1	.	.	.	.	.
03	840725	09	1014	1	01.3	00.0	1	.	.	.	.	.
03	840725	09	1014	1	01.3	00.0	1	.	.	.	.	.
03	840725	09	1017	1	01.3	00.3	1	16.5	.034	01.6	07.13	0.091
03	840725	09	1017	1	01.3	00.3	1	.	.	.	.	.
03	840725	09	1017	1	01.3	00.3	1	.	.	.	.	.
03	840725	09	1017	1	01.3	00.3	1	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
		000	007.22	010	00061.00	04						
			.	010	00062.00	04						
7.26	79	000	011.81	100	00068.00	04						
		000	011.04	010	00064.00	04						
			.	010	00066.00	04						
			.	010	00066.00	04						
7.02	77	000	007.79	100	00043.00	04						
		000	006.84	010	00049.00	04						
		000	008.37	010	00048.00	04						
			.	010	00045.00	04						
9.64	99	180	060.38	010	00165.00	04						
		180	057.45	010	00169.00	04						
		180	056.35	010	00161.00	04						
9.42	97	180	057.63	010	00130.00	04						
		180	058.92	010	00126.00	04						
		180	058.00	010	00125.00	04						
9.38	97	180	060.57	010	00117.00	04						
		180	060.02	010	00107.00	04						
		180	060.75	010	00106.00	04						
9.40	97	180	059.10	010	00091.00	04						
		180	057.45	010	00083.00	04						
		180	055.62	010	00081.00	04						
8.88	94	180	040.41	010	00065.00	04						
		180	040.04	010	00055.00	04						
		180	036.92	010	00054.00	04						
8.03	86	270	013.53	010	00047.00	04						
		270	008.75	010	00037.00	04						
		270	009.90	010	00037.00	04						
6.57	72	000	007.22	010	00031.00	04						
		000	010.85	010	00033.00	04						
		000	011.43	010	00036.00	04						
7.11	78	000	014.30	010	00033.00	04						
		000	012.38	010	00034.00	04						
		000	011.24	010	00034.00	04						
7.06	77	000	009.51	010	00028.00	04						
		000	008.94	010	00026.00	04						
		000	009.32	010	00027.00	04						
9.20	97	180	051.22	100	01580.00	01	000	000	000	000	000	000
		180	056.35	010	01330.00	01	000	000	000	000	000	000
		180	049.39	010	01370.00	01	000	000	000	000	000	000
			.	010	01460.00	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
			.		.	01	000	000	000	000	000	000
9.33	99	180	037.47	100	00610.00	01						
		180	026.16	010	00670.00	01						
		180	022.52	010	00610.00	01						
		180	028.84	010	00600.00	01						
8.95	95	180	020.04	100	00520.00	01						
		180	017.36	010	00540.00	01						
		180	026.16	010	00440.00	01						
			.	010	00540.00	01						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840725	09	1020	1	01.3	00.6	1	16.5	.036	01.8	07.41	0.100
03	840725	09	1020	1	01.3	00.6	1	.	.	.	.	.
03	840725	09	1020	1	01.3	00.6	1	.	.	.	.	.
03	840725	09	1020	1	01.3	00.6	1	.	.	.	.	.
03	840725	09	1023	1	01.3	00.9	1	16.5	.048	02.4	07.34	0.099
03	840725	09	1023	1	01.3	00.9	1	.	.	.	.	.
03	840725	09	1023	1	01.3	00.9	1	.	.	.	.	.
03	840725	09	1023	1	01.3	00.9	1	.	.	.	.	.
03	840725	09	1026	1	01.4	01.2	2	16.5	.041	02.0	07.41	0.095
03	840725	09	1026	1	01.4	01.2	2	.	.	.	.	.
03	840725	09	1026	1	01.4	01.2	2	.	.	.	.	.
03	840725	09	1026	1	01.4	01.2	2	.	.	.	.	.
03	840725	09	1032	1	01.4	01.5	2	16.2	.088	04.7	07.33	0.088
03	840725	09	1032	1	01.4	01.5	2	.	.	.	.	.
03	840725	09	1032	1	01.4	01.5	2	.	.	.	.	.
03	840725	09	1032	1	01.4	01.5	2	.	.	.	.	.
03	840726	05	0952	1	00.5	00.0	1	15.5	.124	06.8	08.21	0.128
03	840726	05	0952	1	00.5	00.0	1	.	.	.	.	.
03	840726	05	0952	1	00.5	00.0	1	.	.	.	.	.
03	840726	05	0952	1	00.5	00.0	1	.	.	.	.	.
03	840726	05	0958	1	00.5	00.3	1	14.8	.134	07.5	08.05	0.137
03	840726	05	0958	1	00.5	00.3	1	.	.	.	.	.
03	840726	05	0958	1	00.5	00.3	1	.	.	.	.	.
03	840726	05	0958	1	00.5	00.3	1	.	.	.	.	.
03	840726	06	1010	1	00.6	00.0	1	15.2	.124	06.8	07.93	0.126
03	840726	06	1010	1	00.6	00.0	1	.	.	.	.	.
03	840726	06	1010	1	00.6	00.0	1	.	.	.	.	.
03	840726	06	1010	1	00.6	00.0	1	.	.	.	.	.
03	840726	06	1014	1	00.6	00.3	1	14.6	.137	07.7	07.80	0.131
03	840726	06	1014	1	00.6	00.3	1	.	.	.	.	.
03	840726	06	1014	1	00.6	00.3	1	.	.	.	.	.
03	840726	06	1014	1	00.6	00.3	1	.	.	.	.	.
03	840726	06	1018	1	00.7	00.6	1	14.2	.176	10.2	08.01	0.106
03	840726	06	1018	1	00.7	00.6	1	.	.	.	.	.
03	840726	06	1018	1	00.7	00.6	1	.	.	.	.	.
03	840726	06	1018	1	00.7	00.6	1	.	.	.	.	.
03	840726	06	1024	1	00.7	00.9	1	13.6	.240	14.4	07.75	0.078
03	840726	06	1024	1	00.7	00.9	1	.	.	.	.	.
03	840726	06	1024	1	00.7	00.9	1	.	.	.	.	.
03	840726	06	1024	1	00.7	00.9	1	.	.	.	.	.
03	840726	06	1045	1	00.9	00.0	1	15.9	.128	07.1	08.21	0.101
03	840726	06	1045	1	00.9	00.0	1	.	.	.	.	.
03	840726	06	1045	1	00.9	00.0	1	.	.	.	.	.
03	840726	06	1045	1	00.9	00.0	1	.	.	.	.	.
03	840726	06	1048	1	00.9	00.3	1	14.2	.183	10.6	07.91	0.109
03	840726	06	1048	1	00.9	00.3	1	.	.	.	.	.
03	840726	06	1048	1	00.9	00.3	1	.	.	.	.	.
03	840726	06	1048	1	00.9	00.3	1	.	.	.	.	.
03	840726	06	1052	1	01.0	00.6	1	13.7	.286	17.5	08.07	0.058
03	840726	06	1052	1	01.0	00.6	1	.	.	.	.	.
03	840726	06	1052	1	01.0	00.6	1	.	.	.	.	.
03	840726	06	1052	1	01.0	00.6	1	.	.	.	.	.
03	840726	06	1057	1	01.0	00.9	1	13.4	.309	19.1	08.05	0.018
03	840726	06	1057	1	01.0	00.9	1	.	.	.	.	.
03	840726	06	1057	1	01.0	00.9	1	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
9.10	97	180	015.64	100	00370.00	01						
		180	020.42	010	00420.00	01						
		180	013.72	010	00370.00	01						
		180	018.31	010	00380.00	01						
8.91	95	180	016.97	100	00180.00	01						
		180	025.78	010	00230.00	01						
		180	016.97	010	00230.00	01						
			.	010	00280.00	01						
9.01	96	180	013.15	100	00150.00	01						
		180	011.24	010	00140.00	01						
		180	017.36	010	00130.00	01						
			.	010	00140.00	01						
8.56	92	180	014.30	100	00130.00	01						
		180	014.87	010	00120.00	01						
		180	015.25	010	00140.00	01						
			.	010	00140.00	01						
10.07	108		000.00	100	00610.00	01						
			000.00	010	00360.00	01						
			000.00	010	00340.00	01						
			.	010	00950.00	01						
9.75	103		000.00	100	00870.00	01						
			000.00	010	00430.00	01						
			000.00	010	00960.00	01						
			.	010	01100.00	01						
9.36	99		000.00	100	01650.00	01						
			000.00	010	01790.00	01						
			000.00	010	01830.00	01						
			.	010	01060.00	01						
8.35	88		000.00	100	01300.00	01						
			000.00	010	01400.00	01						
			000.00	010	01410.00	01						
			.	010	01410.00	01						
9.12	97		000.00	100	01110.00	01						
			000.00	010	01100.00	01						
			000.00	010	01090.00	01						
			.	010	01110.00	01						
8.79	95	090	005.11	100	00940.00	01						
			000.00	010	00940.00	01						
			000.00	010	00750.00	01						
			.	010	00500.00	01						
10.32	111		000.00	100	01460.00	01						
			000.00	010	01780.00	01						
			000.00	010	01810.00	01						
			.	010	01800.00	01						
8.84	94		000.00	100	01510.00	01						
			000.00	010	01430.00	01						
			000.00	010	01520.00	01						
			.	010	01510.00	01						
9.84	108		000.00	100	01160.00	01						
			000.00	010	01160.00	01						
			000.00	010	01030.00	01						
			.	010	01070.00	01						
10.54	116		000.00	100	01020.00	01						
			000.00	010	00510.00	01						
			000.00	010	00490.00	01						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840726	06	1057	1	01.0	00.9	1	.	.	.	.	.
03	840726	06	1124	1	01.2	00.0	1	16.2	.133	07.4	08.18	0.102
03	840726	06	1124	1	01.2	00.0	1	.	.	.	.	.
03	840726	06	1124	1	01.2	00.0	1	.	.	.	.	.
03	840726	06	1124	1	01.2	00.0	1	.	.	.	.	.
03	840726	06	1127	1	01.2	00.3	1	14.9	.198	11.6	08.29	0.096
03	840726	06	1127	1	01.2	00.3	1	.	.	.	.	.
03	840726	06	1127	1	01.2	00.3	1	.	.	.	.	.
03	840726	06	1127	1	01.2	00.3	1	.	.	.	.	.
03	840726	06	1131	1	01.3	00.6	1	13.9	.281	17.2	08.08	0.079
03	840726	06	1131	1	01.3	00.6	1	.	.	.	.	.
03	840726	06	1131	1	01.3	00.6	1	.	.	.	.	.
03	840726	06	1131	1	01.3	00.6	1	.	.	.	.	.
03	840726	06	1133	1	01.3	00.9	1	13.3	.336	21.0	08.21	0.047
03	840726	06	1133	1	01.3	00.9	1	.	.	.	.	.
03	840726	06	1133	1	01.3	00.9	1	.	.	.	.	.
03	840726	06	1133	1	01.3	00.9	1	.	.	.	.	.
03	840726	06	1136	1	01.3	01.2	2	13.6	.338	21.2	08.23	0.028
03	840726	06	1136	1	01.3	01.2	2	.	.	.	.	.
03	840726	06	1136	1	01.3	01.2	2	.	.	.	.	.
03	840726	06	1153	1	01.5	00.0	1	16.9	.213	12.5	08.50	0.082
03	840726	06	1153	1	01.5	00.0	1	.	.	.	.	.
03	840726	06	1153	1	01.5	00.0	1	.	.	.	.	.
03	840726	06	1153	1	01.5	00.0	1	.	.	.	.	.
03	840726	06	1156	1	01.5	00.3	1	16.0	.350	22.0	08.38	0.075
03	840726	06	1156	1	01.5	00.3	1	.	.	.	.	.
03	840726	06	1156	1	01.5	00.3	1	.	.	.	.	.
03	840726	06	1156	1	01.5	00.3	1	.	.	.	.	.
03	840726	06	1159	1	01.6	00.6	1	15.5	.382	24.2	08.32	0.058
03	840726	06	1159	1	01.6	00.6	1	.	.	.	.	.
03	840726	06	1159	1	01.6	00.6	1	.	.	.	.	.
03	840726	06	1159	1	01.6	00.6	1	.	.	.	.	.
03	840726	06	1202	1	01.6	00.9	1	13.6	.429	27.6	08.13	0.054
03	840726	06	1202	1	01.6	00.9	1	.	.	.	.	.
03	840726	06	1202	1	01.6	00.9	1	.	.	.	.	.
03	840726	06	1202	1	01.6	00.9	1	.	.	.	.	.
03	840726	06	1205	1	01.6	01.2	2	12.2	.437	28.2	08.02	0.058
03	840726	06	1205	1	01.6	01.2	2	.	.	.	.	.
03	840726	06	1205	1	01.6	01.2	2	.	.	.	.	.
03	840726	06	1205	1	01.6	01.2	2	.	.	.	.	.
03	840726	06	1209	1	01.6	01.5	2	11.6	.440	28.4	07.98	0.059
03	840726	06	1209	1	01.6	01.5	2	.	.	.	.	.
03	840726	06	1209	1	01.6	01.5	2	.	.	.	.	.
03	840726	06	1209	1	01.6	01.5	2	.	.	.	.	.
03	840726	06	1236	2	01.9	00.0	1	16.2	.280	17.2	08.16	0.092
03	840726	06	1236	2	01.9	00.0	1	.	.	.	.	.
03	840726	06	1236	2	01.9	00.0	1	.	.	.	.	.
03	840726	06	1236	2	01.9	00.0	1	.	.	.	.	.
03	840726	06	1239	2	01.9	00.3	1	12.2	.432	27.9	08.12	0.106
03	840726	06	1239	2	01.9	00.3	1	.	.	.	.	.
03	840726	06	1239	2	01.9	00.3	1	.	.	.	.	.
03	840726	06	1239	2	01.9	00.3	1	.	.	.	.	.
03	840726	06	1241	2	01.9	00.6	1	12.0	.438	28.3	08.09	0.106
03	840726	06	1241	2	01.9	00.6	1	.	.	.	.	.
03	840726	06	1241	2	01.9	00.6	1	.	.	.	.	.

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
			.	010	00500.00	01						
10.50	114	000	010.28	100	01970.00	01						
		000	005.69	010	01950.00	01						
		000	005.30	010	02020.00	01						
			.	010	01960.00	01						
10.38	113		000.00	100	01500.00	01						
			000.00	010	01470.00	01						
			000.00	010	01480.00	01						
			.	010	01490.00	01						
10.92	120		000.00	100	01310.00	01						
			000.00	010	01230.00	01						
			000.00	010	01310.00	01						
			.	010	01290.00	01						
12.07	134	070	005.88	100	01060.00	01						
		070	008.94	010	01030.00	01						
		070	006.45	010	01030.00	01						
			.	010	01030.00	01						
10.56	118		000.00	010	00990.00	01						
			000.00	010	01000.00	01						
			000.00	010	00990.00	01						
13.62	155	000	013.15	100	02020.00	01						
		000	009.32	010	02010.00	01						
		000	008.75	010	02010.00	01						
			.	010	02000.00	01						
13.98	166	000	022.91	100	01610.00	01						
		000	020.42	010	01510.00	01						
		000	017.55	010	01560.00	01						
			.	010	01590.00	01						
13.87	165	000	013.91	100	01250.00	01						
		000	025.39	010	01200.00	01						
		000	024.24	010	01220.00	01						
			.	010	01240.00	01						
11.04	129	000	031.24	100	01020.00	01						
		000	036.01	010	00920.00	01						
		000	021.38	010	00980.00	01						
			.	010	00990.00	01						
9.78	111	000	023.10	100	00880.00	01						
		000	024.63	010	00830.00	01						
		000	025.20	010	00820.00	01						
			.	010	00810.00	01						
9.27	104	000	017.36	100	00720.00	01						
		000	016.78	010	00820.00	01						
		000	015.44	010	00820.00	01						
			.	010	00730.00	01						
11.28	130		000.00	100	01930.00	01						
			000.00	010	01880.00	01						
			000.00	010	02000.00	01						
			.	010	02000.00	01						
8.67	99	000	005.50	100	01570.00	01						
		000	008.56	010	01580.00	01						
		000	014.30	010	01600.00	01						
			.	010	01580.00	01						
9.63	109	000	017.93	100	01190.00	01						
		000	025.01	010	01070.00	01						
		000	025.58	010	01000.00	01						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840726	06	1241	2	01.9	00.6	1	.	.	.	.	.
03	840726	06	1243	2	01.9	00.9	1	11.8	.440	28.4	08.05	0.100
03	840726	06	1243	2	01.9	00.9	1	.	.	.	.	.
03	840726	06	1243	2	01.9	00.9	1	.	.	.	.	.
03	840726	06	1243	2	01.9	00.9	1	.	.	.	.	.
03	840726	06	1247	2	02.0	01.2	2	11.7	.440	28.4	08.01	0.095
03	840726	06	1247	2	02.0	01.2	2	.	.	.	.	.
03	840726	06	1247	2	02.0	01.2	2	.	.	.	.	.
03	840726	06	1250	2	02.0	01.5	2	11.7	.441	28.4	08.00	0.093
03	840726	06	1250	2	02.0	01.5	2	.	.	.	.	.
03	840726	06	1250	2	02.0	01.5	2	.	.	.	.	.
03	840726	06	1250	2	02.0	01.5	2	.	.	.	.	.
03	840726	06	1253	2	02.0	01.8	2	11.6	.442	28.5	07.98	0.090
03	840726	06	1253	2	02.0	01.8	2	.	.	.	.	.
03	840726	06	1253	2	02.0	01.8	2	.	.	.	.	.
03	840726	06	1253	2	02.0	01.8	2	.	.	.	.	.
03	840726	06	1259	2	02.1	02.1	3	11.5	.442	28.5	07.95	0.088
03	840726	06	1259	2	02.1	02.1	3	.	.	.	.	.
03	840726	06	1259	2	02.1	02.1	3	.	.	.	.	.
03	840726	06	1259	2	02.1	02.1	3	.	.	.	.	.
03	840726	06	1326	2	02.3	00.0	1	16.6	.028	01.3	08.02	0.110
03	840726	06	1326	2	02.3	00.0	1	.	.	.	.	.
03	840726	06	1326	2	02.3	00.0	1	.	.	.	.	.
03	840726	06	1326	2	02.3	00.0	1	.	.	.	.	.
03	840726	06	1330	2	02.3	00.3	1	12.1	.412	26.4	07.89	0.140
03	840726	06	1330	2	02.3	00.3	1	.	.	.	.	.
03	840726	06	1330	2	02.3	00.3	1	.	.	.	.	.
03	840726	06	1330	2	02.3	00.3	1	.	.	.	.	.
03	840726	06	1334	2	02.4	00.6	1	11.8	.437	28.2	07.85	0.139
03	840726	06	1334	2	02.4	00.6	1	.	.	.	.	.
03	840726	06	1334	2	02.4	00.6	1	.	.	.	.	.
03	840726	06	1334	2	02.4	00.6	1	.	.	.	.	.
03	840726	06	1337	2	02.4	00.9	1	12.0	.443	28.6	07.82	0.135
03	840726	06	1337	2	02.4	00.9	1	.	.	.	.	.
03	840726	06	1337	2	02.4	00.9	1	.	.	.	.	.
03	840726	06	1337	2	02.4	00.9	1	.	.	.	.	.
03	840726	06	1340	2	02.4	01.2	2	11.4	.448	29.0	07.81	0.134
03	840726	06	1340	2	02.4	01.2	2	.	.	.	.	.
03	840726	06	1340	2	02.4	01.2	2	.	.	.	.	.
03	840726	06	1340	2	02.4	01.2	2	.	.	.	.	.
03	840726	06	1342	2	02.4	01.5	2	10.9	.449	29.0	07.80	0.127
03	840726	06	1342	2	02.4	01.5	2	.	.	.	.	.
03	840726	06	1342	2	02.4	01.5	2	.	.	.	.	.
03	840726	06	1342	2	02.4	01.5	2	.	.	.	.	.
03	840726	06	1345	2	02.5	01.8	2	10.9	.450	29.1	07.79	0.124
03	840726	06	1345	2	02.5	01.8	2	.	.	.	.	.
03	840726	06	1345	2	02.5	01.8	2	.	.	.	.	.
03	840726	06	1345	2	02.5	01.8	2	.	.	.	.	.
03	840726	06	1347	2	02.5	02.1	3	10.8	.450	29.1	07.78	0.116
03	840726	06	1347	2	02.5	02.1	3	.	.	.	.	.
03	840726	06	1347	2	02.5	02.1	3	.	.	.	.	.
03	840726	06	1347	2	02.5	02.1	3	.	.	.	.	.
03	840726	06	1350	2	02.5	02.4	3	10.9	.450	29.1	07.76	0.110
03	840726	06	1350	2	02.5	02.4	3	.	.	.	.	.
03	840726	06	1350	2	02.5	02.4	3	.	.	.	.	.

```
DO2C DO2SAT FLDI  FLOW  LTT   LIGHT  WE HCH WCH WCO UNI CTT SHT

                         .  010 01010.00 01
9.76  110    000  010.09 100 00910.00 01
             000  007.03 010 01080.00 01
             000  013.34 010 01040.00 01
                         .  010 01070.00 01
9.25  104    000  007.41 010 00840.00 01
             000  004.35 010 00860.00 01
             000  005.69 010 00880.00 01
8.63   98         000.00 100 00880.00 01
                  000.00 010 00860.00 01
                  000.00 010 00890.00 01
                         .  010 00860.00 01
8.75   99         000.00 100 00780.00 01
                  000.00 010 00770.00 01
                  000.00 010 00780.00 01
                         .  010 00790.00 01
9.20  104         000.00 100 00720.00 01
                  000.00 010 00750.00 01
                  000.00 010 00740.00 01
                         .  010 00740.00 01
9.86  104    180  020.23 100 01370.00 01
             180  022.14 010 01460.00 01
             180  023.48 010 01690.00 01
                         .  010 01450.00 01
7.61   86    000  010.85 100 01580.00 01
             000  010.85 010 01570.00 01
             000  010.66 010 01590.00 01
                         .  010 01570.00 01
7.39   84    000  016.02 100 01410.00 01
             000  010.47 010 01360.00 01
             000  010.09 010 01360.00 01
                         .  010 01360.00 01
7.75   88    000  012.77 100 01290.00 01
             000  014.11 010 01240.00 01
             000  014.49 010 01290.00 01
                         .  010 01280.00 01
7.38   83    000  017.93 100 01140.00 01
             000  017.55 010 01140.00 01
             000  012.38 010 01160.00 01
                         .  010 01130.00 01
7.02   78    000  015.64 100 01020.00 01
             000  016.78 010 01030.00 01
             000  018.70 010 01020.00 01
                         .  010 01040.00 01
7.27   81    000  018.12 100 00990.00 01
             000  014.68 010 00980.00 01
             000  019.46 010 00960.00 01
                         .  010 00980.00 01
7.21   80    000  012.96 100 00860.00 01
             000  016.40 010 00850.00 01
             000  016.40 010 00850.00 01
                         .  010 00840.00 01
7.40   83    000  018.89 100 00810.00 01
             000  017.55 010 00800.00 01
             000  015.44 010 00830.00 01
```

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840726	06	1350	2	02.5	02.4	3	.	.	.	.	.
03	840726	06	1355	2	02.5	02.7	3	10.6	.450	29.1	07.73	0.104
03	840726	06	1355	2	02.5	02.7	3	.	.	.	.	.
03	840726	06	1355	2	02.5	02.7	3	.	.	.	.	.
03	840726	06	1355	2	02.5	02.7	3	.	.	.	.	.
03	840726	06	1427	3	02.8	00.0	1	16.5	.030	01.4	07.67	0.107
03	840726	06	1427	3	02.8	00.0	1	.	.	.	.	.
03	840726	06	1427	3	02.8	00.0	1	.	.	.	.	.
03	840726	06	1427	3	02.8	00.0	1	.	.	.	.	.
03	840726	06	1430	3	02.8	00.3	1	13.7	.224	13.3	07.95	0.132
03	840726	06	1430	3	02.8	00.3	1	.	.	.	.	.
03	840726	06	1430	3	02.8	00.3	1	.	.	.	.	.
03	840726	06	1430	3	02.8	00.3	1	.	.	.	.	.
03	840726	06	1433	3	02.9	00.6	1	10.8	.428	27.5	07.82	0.141
03	840726	06	1433	3	02.9	00.6	1	.	.	.	.	.
03	840726	06	1433	3	02.9	00.6	1	.	.	.	.	.
03	840726	06	1433	3	02.9	00.6	1	.	.	.	.	.
03	840726	06	1437	3	02.9	00.9	1	10.8	.429	27.6	07.82	0.141
03	840726	06	1437	3	02.9	00.9	1	.	.	.	.	.
03	840726	06	1437	3	02.9	00.9	1	.	.	.	.	.
03	840726	06	1437	3	02.9	00.9	1	.	.	.	.	.
03	840726	06	1440	3	02.9	01.2	2	10.4	.448	29.0	07.80	0.139
03	840726	06	1440	3	02.9	01.2	2	.	.	.	.	.
03	840726	06	1440	3	02.9	01.2	2	.	.	.	.	.
03	840726	06	1440	3	02.9	01.2	2	.	.	.	.	.
03	840726	06	1443	3	03.0	01.5	2	10.3	.449	29.0	07.77	0.136
03	840726	06	1443	3	03.0	01.5	2	.	.	.	.	.
03	840726	06	1443	3	03.0	01.5	2	.	.	.	.	.
03	840726	06	1443	3	03.0	01.5	2	.	.	.	.	.
03	840726	06	1445	3	03.0	01.8	2	10.3	.451	29.2	07.74	0.133
03	840726	06	1445	3	03.0	01.8	2	.	.	.	.	.
03	840726	06	1445	3	03.0	01.8	2	.	.	.	.	.
03	840726	06	1445	3	03.0	01.8	2	.	.	.	.	.
03	840726	06	1448	3	03.0	02.1	3	10.2	.451	29.2	07.72	0.130
03	840726	06	1448	3	03.0	02.1	3	.	.	.	.	.
03	840726	06	1448	3	03.0	02.1	3	.	.	.	.	.
03	840726	06	1448	3	03.0	02.1	3	.	.	.	.	.
03	840726	06	1451	3	03.0	02.4	3	10.2	.452	29.3	07.71	0.125
03	840726	06	1451	3	03.0	02.4	3	.	.	.	.	.
03	840726	06	1451	3	03.0	02.4	3	.	.	.	.	.
03	840726	06	1451	3	03.0	02.4	3	.	.	.	.	.
03	840726	06	1454	3	03.0	02.7	3	10.2	.452	29.3	07.70	0.116
03	840726	06	1454	3	03.0	02.7	3	.	.	.	.	.
03	840726	06	1454	3	03.0	02.7	3	.	.	.	.	.
03	840726	06	1454	3	03.0	02.7	3	.	.	.	.	.
03	840726	06	1458	3	03.1	03.0	3	10.2	.452	29.3	07.65	0.107
03	840726	06	1458	3	03.1	03.0	3	.	.	.	.	.
03	840726	06	1458	3	03.1	03.0	3	.	.	.	.	.
03	840726	06	1458	3	03.1	03.0	3	.	.	.	.	.
03	840726	06	1522	3	03.3	00.0	1	15.4	.052	02.6	07.50	0.119
03	840726	06	1522	3	03.3	00.0	1	.	.	.	.	.
03	840726	06	1522	3	03.3	00.0	1	.	.	.	.	.
03	840726	06	1522	3	03.3	00.0	1	.	.	.	.	.
03	840726	06	1525	3	03.3	00.3	1	14.4	.097	05.2	07.63	0.128
03	840726	06	1525	3	03.3	00.3	1	.	.	.	.	.

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DO2C DO2SAT FLDI  FLOW  LTT   LIGHT   WE HCH WCH WCO UNI CTT SHT

                          .  010 00820.00 01
 6.91    77   000   008.94 100 00760.00 01
              000   013.53 010 00750.00 01
              000   014.49 010 00740.00 01
                          .  010 00740.00 01
10.13   107   180   025.78 100 01830.00 01
              180   025.01 010 01840.00 01
              180   024.63 010 01780.00 01
                          .  010 01790.00 01
 8.89    95   000   006.64 100 01520.00 01
              000   007.03 010 01510.00 01
              000   005.30 010 01500.00 01
                          .  010 01500.00 01
 6.63    73   000   006.64 100 01340.00 01
              000   009.90 010 01350.00 01
                          .  010 01350.00 01
                          .  010 01410.00 01
 7.09    78   000   005.88 100 01230.00 01
              000   004.54 010 01270.00 01
              000   003.77 010 01230.00 01
                          .  010 01260.00 01
 7.13    79   000   006.45 100 01070.00 01
              000   005.88 010 01020.00 01
              000   004.92 010 01040.00 01
                          .  010 01040.00 01
 7.07    78   040   004.92 100 00920.00 01
              040   005.88 010 00970.00 01
              040   007.41 010 00940.00 01
                          .  010 00930.00 01
 7.01    77   000   012.19 100 00850.00 01
              000   012.00 010 00870.00 01
              000   011.04 010 00840.00 01
                          .  010 00850.00 01
 6.96    76   000   004.73 100 00770.00 01
              000   005.30 010 00750.00 01
              000   006.07 010 00790.00 01
                          .  010 00770.00 01
 7.14    78   000   004.16 100 00720.00 01
              000   004.35 010 00730.00 01
              000   005.11 010 00700.00 01
                          .  010 00730.00 01
 7.13    78   045   004.35 100 00600.00 01
              045   004.73 010 00610.00 01
              045   004.73 010 00620.00 01
                          .  010 00580.00 01
 7.06    78   045   005.11 100 00580.00 01
              045   004.73 010 00540.00 01
              045   005.30 010 00550.00 01
                          .  010 00560.00 01
 9.66   100   180   044.99 100 01950.00 01
              180   043.70 010 01970.00 01
              180   045.90 010 01930.00 01
                          .  010 01940.00 01
 8.78    91   180   038.57 100 01470.00 01
              180   038.39 010 01470.00 01
```

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840726	06	1525	3	03.3	00.3	1	.	.	.	.	.
03	840726	06	1525	3	03.3	00.3	1	.	.	.	.	.
03	840726	06	1528	3	03.4	00.6	1	13.7	.160	09.1	07.74	0.131
03	840726	06	1528	3	03.4	00.6	1	.	.	.	.	.
03	840726	06	1528	3	03.4	00.6	1	.	.	.	.	.
03	840726	06	1528	3	03.4	00.6	1	.	.	.	.	.
03	840726	06	1531	3	03.4	00.9	1	12.6	.425	27.3	07.92	0.137
03	840726	06	1531	3	03.4	00.9	1	.	.	.	.	.
03	840726	06	1531	3	03.4	00.9	1	.	.	.	.	.
03	840726	06	1531	3	03.4	00.9	1	.	.	.	.	.
03	840726	06	1534	3	03.4	01.2	2	11.8	.441	28.5	07.89	0.136
03	840726	06	1534	3	03.4	01.2	2	.	.	.	.	.
03	840726	06	1534	3	03.4	01.2	2	.	.	.	.	.
03	840726	06	1534	3	03.4	01.2	2	.	.	.	.	.
03	840726	06	1536	3	03.4	01.5	2	11.2	.446	28.8	07.87	0.134
03	840726	06	1536	3	03.4	01.5	2	.	.	.	.	.
03	840726	06	1536	3	03.4	01.5	2	.	.	.	.	.
03	840726	06	1536	3	03.4	01.5	2	.	.	.	.	.
03	840726	06	1538	3	03.4	01.8	2	10.9	.447	28.9	07.84	0.133
03	840726	06	1538	3	03.4	01.8	2	.	.	.	.	.
03	840726	06	1538	3	03.4	01.8	2	.	.	.	.	.
03	840726	06	1538	3	03.4	01.8	2	.	.	.	.	.
03	840726	06	1541	3	03.5	02.1	3	10.7	.447	28.9	07.82	0.130
03	840726	06	1541	3	03.5	02.1	3	.	.	.	.	.
03	840726	06	1541	3	03.5	02.1	3	.	.	.	.	.
03	840726	06	1541	3	03.5	02.1	3	.	.	.	.	.
03	840726	06	1543	3	03.5	02.4	3	10.7	.448	29.0	07.81	0.127
03	840726	06	1543	3	03.5	02.4	3	.	.	.	.	.
03	840726	06	1543	3	03.5	02.4	3	.	.	.	.	.
03	840726	06	1543	3	03.5	02.4	3	.	.	.	.	.
03	840726	06	1545	3	03.5	02.7	3	10.8	.447	28.9	07.79	0.123
03	840726	06	1545	3	03.5	02.7	3	.	.	.	.	.
03	840726	06	1545	3	03.5	02.7	3	.	.	.	.	.
03	840726	06	1545	3	03.5	02.7	3	.	.	.	.	.
03	840726	06	1548	3	03.5	03.0	3	10.7	.448	29.0	07.79	0.122
03	840726	06	1548	3	03.5	03.0	3	.	.	.	.	.
03	840726	06	1548	3	03.5	03.0	3	.	.	.	.	.
03	840726	06	1548	3	03.5	03.0	3	.	.	.	.	.
03	840726	06	1554	3	03.6	03.4	3	10.7	.448	29.0	07.78	0.118
03	840726	06	1554	3	03.6	03.4	3	.	.	.	.	.
03	840726	06	1554	3	03.6	03.4	3	.	.	.	.	.
03	840726	06	1554	3	03.6	03.4	3	.	.	.	.	.
03	840726	06	1625	3	03.9	00.0	1	14.1	.100	05.4	07.56	0.117
03	840726	06	1625	3	03.9	00.0	1	.	.	.	.	.
03	840726	06	1625	3	03.9	00.0	1	.	.	.	.	.
03	840726	06	1625	3	03.9	00.0	1	.	.	.	.	.
03	840726	06	1628	3	03.9	00.3	1	13.3	.178	10.4	07.72	0.122
03	840726	06	1628	3	03.9	00.3	1	.	.	.	.	.
03	840726	06	1628	3	03.9	00.3	1	.	.	.	.	.
03	840726	06	1628	3	03.9	00.3	1	.	.	.	.	.
03	840726	06	1631	3	03.9	00.6	1	11.5	.384	24.4	07.82	0.129
03	840726	06	1631	3	03.9	00.6	1	.	.	.	.	.
03	840726	06	1631	3	03.9	00.6	1	.	.	.	.	.
03	840726	06	1631	3	03.9	00.6	1	.	.	.	.	.
03	840726	06	1634	3	03.9	00.9	1	11.2	.433	27.9	07.84	0.130

DO2C	DO2SAT	FLDI	FLOW	LTT	LIGHT	WE	HCH	WCH	WCO	UNI	CTT	SHT
		180	037.47	010	01480.00	01						
			.	010	01530.00	01						
8.39	88	180	032.16	100	01290.00	01						
		180	031.06	010	01300.00	01						
		180	027.88	010	01280.00	01						
			.	010	01190.00	01						
8.42	96	180	020.80	100	01130.00	01						
		180	016.97	010	01100.00	01						
		180	018.51	010	01130.00	01						
			.	010	01120.00	01						
8.07	92	160	016.78	100	01010.00	01						
		160	015.83	010	00990.00	01						
		160	015.44	010	01020.00	01						
			.	010	01040.00	01						
8.13	91	150	014.30	100	00850.00	01						
		150	015.25	010	00860.00	01						
		150	016.97	010	00850.00	01						
			.	010	00860.00	01						
7.76	86	180	015.64	100	00770.00	01						
		180	015.64	010	00790.00	01						
		180	016.59	010	00750.00	01						
			.	010	00770.00	01						
7.85	87	180	014.49	100	00700.00	01						
		180	013.91	010	00710.00	01						
		180	013.15	010	00700.00	01						
			.	010	00700.00	01						
7.93	88	180	009.70	100	00630.00	01						
		180	009.90	010	00630.00	01						
		180	012.00	010	00610.00	01						
		180	010.47	010	00620.00	01						
8.00	89	180	010.85	100	00560.00	01						
		180	010.47	010	00590.00	01						
		180	011.24	010	00580.00	01						
			.	010	00560.00	01						
8.15	90	180	008.94	100	00500.00	01						
		180	011.04	010	00520.00	01						
		180	009.32	010	00490.00	01						
			.	010	00500.00	01						
8.05	89	180	008.94	100	00430.00	01						
		180	008.37	010	00450.00	01						
		180	008.56	010	00480.00	01						
			.	010	00460.00	01						
9.42	97	180	042.42	100	01400.00	01						
		180	040.95	010	01340.00	01						
		180	040.22	010	01360.00	01						
			.	010	01340.00	01						
8.51	89	180	036.92	100	01190.00	01						
		180	034.54	010	01110.00	01						
		180	034.36	010	01100.00	01						
			.	010	01240.00	01						
7.52	83	180	022.52	100	00920.00	01						
		180	016.40	010	01000.00	01						
		180	014.11	010	00940.00	01						
			.	010	00930.00	01						
7.82	87	180	017.55	100	00860.00	01						

TRIP	YRMODA	SITE	TIME	TC	TIDHT	DEPTH	DC	TEMP	COND	SALI	PH	ORP
03	840726	06	1634	3	03.9	00.9	1	.	.	.	.	.
03	840726	06	1634	3	03.9	00.9	1	.	.	.	.	.
03	840726	06	1634	3	03.9	00.9	1	.	.	.	.	.
03	840726	06	1636	3	03.9	01.2	2	11.0	.442	28.5	07.82	0.129
03	840726	06	1636	3	03.9	01.2	2	.	.	.	.	.
03	840726	06	1636	3	03.9	01.2	2	.	.	.	.	.
03	840726	06	1636	3	03.9	01.2	2	.	.	.	.	.
03	840726	06	1639	3	04.0	01.5	2	10.8	.444	28.7	07.80	0.127
03	840726	06	1639	3	04.0	01.5	2	.	.	.	.	.
03	840726	06	1639	3	04.0	01.5	2	.	.	.	.	.
03	840726	06	1639	3	04.0	01.5	2	.	.	.	.	.
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03	840726	06	1641	3	04.0	01.8	2	.	.	.	.	.
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03	840726	06	1643	3	04.0	02.1	3	10.7	.446	28.8	07.76	0.122
03	840726	06	1643	3	04.0	02.1	3	.	.	.	.	.
03	840726	06	1643	3	04.0	02.1	3	.	.	.	.	.
03	840726	06	1643	3	04.0	02.1	3	.	.	.	.	.
03	840726	06	1646	3	04.0	02.4	3	10.6	.446	28.8	07.74	0.121
03	840726	06	1646	3	04.0	02.4	3	.	.	.	.	.
03	840726	06	1646	3	04.0	02.4	3	.	.	.	.	.
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03	840726	06	1650	3	04.1	02.7	3	10.5	.446	28.8	07.73	0.120
03	840726	06	1650	3	04.1	02.7	3	.	.	.	.	.
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03	840726	06	1650	3	04.1	02.7	3	.	.	.	.	.
03	840726	06	1653	3	04.1	03.0	3	10.5	.446	28.8	07.72	0.117
03	840726	06	1653	3	04.1	03.0	3	.	.	.	.	.
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03	840726	06	1653	3	04.1	03.0	3	.	.	.	.	.
03	840726	06	1656	3	04.1	03.4	3	10.5	.446	28.8	07.72	0.112
03	840726	06	1656	3	04.1	03.4	3	.	.	.	.	.
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03	840726	06	1656	3	04.1	03.4	3	.	.	.	.	.
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03	840726	06	1659	3	04.1	03.7	3	.	.	.	.	.
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03	840726	07	1001	1	00.5	00.0	1	.	.	.	.	.
03	840726	07	1004	1	00.5	00.3	1	14.7	.133	07.4	07.85	0.133
03	840726	07	1004	1	00.5	00.3	1	.	.	.	.	.
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03	840726	07	1004	1	00.5	00.3	1	.	.	.	.	.
03	840726	07	1007	1	00.6	00.6	1	14.4	.139	07.8	07.84	0.135
03	840726	07	1007	1	00.6	00.6	1	.	.	.	.	.
03	840726	07	1007	1	00.6	00.6	1	.	.	.	.	.
03	840726	07	1007	1	00.6	00.6	1	.	.	.	.	.

```
DO2C DO2SAT FLDI   FLOW  LTT   LIGHT   WE HCH WCH WCO UNI CTT SHT

                  180  015.83 010 00850.00 01
                  180  015.44 010 00860.00 01
                  180  018.12 010 00860.00 01
7.81    87        180  012.96 100 00740.00 01
                  180  010.47 010 00770.00 01
                  180  012.00 010 00730.00 01
                          .   010 00740.00 01
7.83    87        140  012.00 100 00630.00 01
                  140  005.50 010 00680.00 01
                  140  003.97 010 00620.00 01
                          .   010 00610.00 01
7.81    87        150  009.32 100 00570.00 01
                  150  008.17 010 00580.00 01
                  150  009.70 010 00580.00 01
                          .   010 00570.00 01
7.81    87        160  012.19 100 00480.00 01
                  160  012.77 010 00510.00 01
                  160  012.57 010 00480.00 01
                          .   010 00490.00 01
7.60    84        160  013.34 100 00430.00 01
                  160  013.53 010 00450.00 01
                  160  011.81 010 00440.00 01
                  160  012.19 010 00430.00 01
7.45    82        160  012.00 100 00410.00 01
                  160  010.85 010 00380.00 01
                  160  009.90 010 00410.00 01
                          .   010 00410.00 01
7.47    82        160  010.09 100 00320.00 01
                  160  007.98 010 00370.00 01
                  160  008.17 010 00330.00 01
                          .   010 00330.00 01
7.56    83        160  005.88 100 00290.00 01
                  160  003.77 010 00290.00 01
                  160  004.92 010 00310.00 01
                          .   010 00300.00 01
7.50    83        160  003.77 100 00270.00 01
                  160  003.39 010 00270.00 01
                       000.00 010 00280.00 01
                          .   010 00270.00 01
8.97    95             000.00 100 01740.00 01
                       000.00 010 01750.00 01
                       000.00 010 01760.00 01
                          .   010 01740.00 01
8.37    89             000.00 100 01350.00 01
                       000.00 010 01330.00 01
                       000.00 010 01140.00 01
                          .   010 01290.00 01
8.42    89             000.00 100 01140.00 01
                          .   010 01020.00 01
                          .   010 01210.00 01
                          .   010 01150.00 01
```

FIGURE 1. The location of study sites in the estuary of the Campbell River.

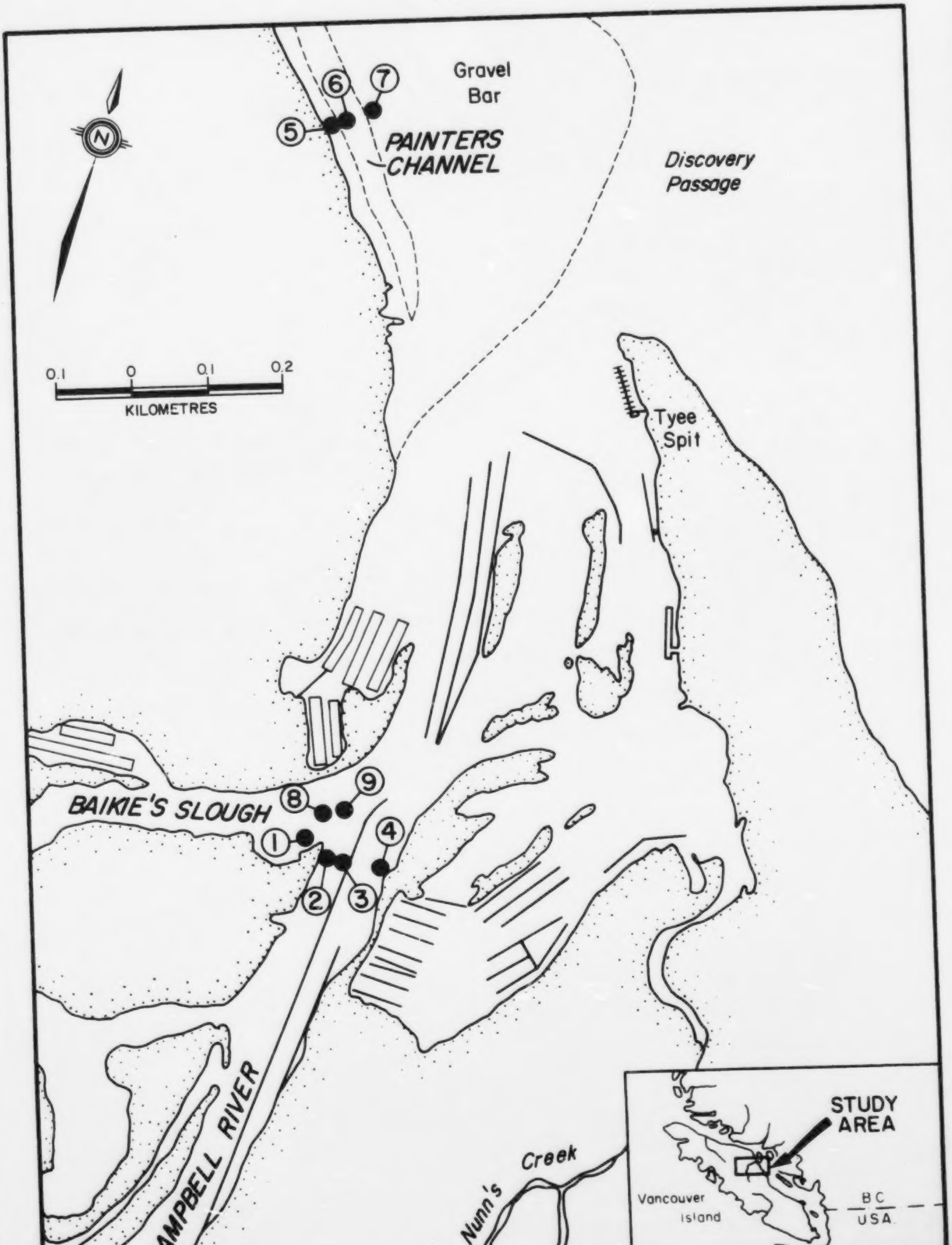
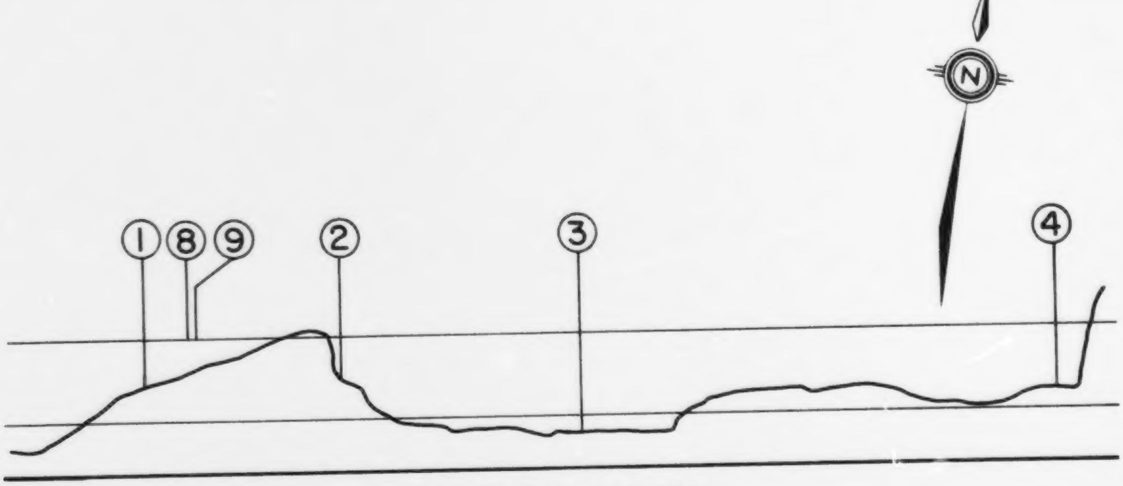

Gravel
Bar
⑥
⑦
⑤
PAINTERS
CHANNEL
Discovery
Passage
N
0.1
0
0.1
0.2
KILOMETRES
Tyee
Spit
⑧
⑨
BAIKIE'S SLOUGH
①
④
②
③
CAMPBELL RIVER
Nunn's Creek
STUDY
AREA
Vancouver
Island
BC
USA

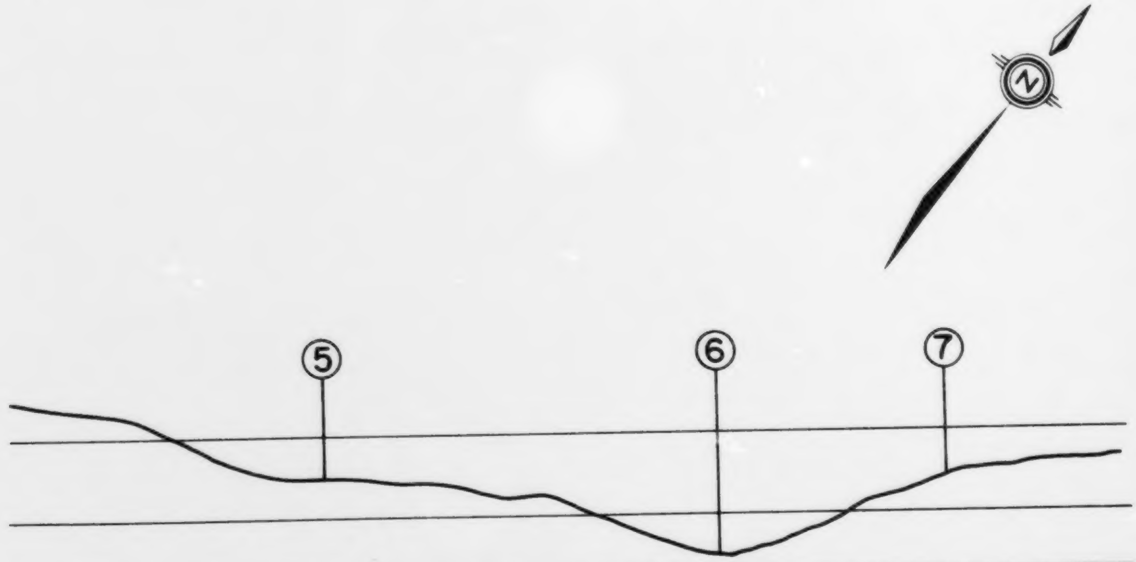
FIGURE 2. Diagrams of the cross-section of the two study locations, and sampling sites in the estuary of the Campbell River. Tidal heights shown represent maximum and minimum levels recorded during the study (high water 4.1 m, low water 0.3 m, Campbell River; high water 4.1 m, low water 0.4 m, "Painter's Channel").



CAMPBELL RIVER

VERTICAL PROFILE ENLARGED 2.5X

HORIZONTAL SCALE 5 0 5 10 m



PAINTER'S CHANNEL

VERTICAL PROFILE ENLARGED 5X

HORIZONTAL SCALE 5 0 5 10 m